University of Niš Faculty of Mechanical Engineering



COMPETENCE OF ADVISORS ENGAGED IN THE STUDY PROGRAMME OF DOCTORAL ACADEMIC STUDIES IN MECHANICAL ENGINEERING



List of the professors employed at the Faculty of Mechanical Engineering in Niš

				Total number of papers
No.	Title	Surname, middle initial, first name	Rank	Total number of papers on the SCI (SSCI) list
1.	Dr	Anđelković R. Boban	full professor	9
2.	Dr	Vukić V. Mića	full professor	15
3.	Dr	Živković S. Dragoljub	full professor	12
4.	Dr	Manić T. Miodrag	full professor	25
5.	Dr	Milosavljević M. Peđa	full professor	8
6.	Dr	Milošević S. Miloš	full professor	10
7.	Dr	Milčić S. Dragan	full professor	10
	Dr			20
8.	Dr	Mitrović S. Melanija	full professor	56
9.		Nikolić D. Vlastimir	full professor	12
10.	Dr	Pavlović T. Nenad	full professor	45
11.	Dr	Petković D. Ljiljana	full professor	
12.	Dr	Radovanović R. Miroslav	full professor	25
13.	Dr	Radović M. Ljiljana	full professor	19
14.	Dr	Rajković M. Predrag	full professor	32
15.	Dr	Ranđelović S. Saša	full professor	7
16.	Dr	Stamenković S. Dušan	full professor	16
17.	Dr	Stefanović M. Gordana	full professor	18
18.	Dr	Stefanović P. Velimir	full professor	17
19.	Dr	Stojanović V. Branislav	full professor	13
20.	Dr	Stojiljković M. Mladen	full professor	15
21.	Dr	Trajanović D. Miroslav	full professor	44
22.	Dr	Ćojbašić M. Žarko	full professor	53
23.	Dr	Blagojević A. Vladislav	associate professor	7
24.	Dr	Živković M. Predrag	associate professor	17
25.	Dr	Janevski B. Goran	associate professor	17
26.	Dr	Janevski N. Jelena	full professor	12
27.	Dr	Janković Lj. Predrag	associate professor	8
28.	Dr	Jovanović M. Miloš	associate professor	9
29.	Dr	Laković Paunović S. Mirjana	associate professor	10
30.	Dr	Mijajlović M. Miroslav	associate professor	10
31.	Dr	Milanović M. Saša	associate professor	5
32.	Dr	Milovančević D. Miloš	associate professor	// 6 77
33.	Dr	Mitrović M. Dejan	associate professor	11
34.	Dr	Mišić T. Dragan	associate professor	11/
35.	Dr	Petrović S. Goran	associate professor	9
	Dr	Radenković M. Goran	associate professor	13
36.		Spasić T. Živan	associate professor	8
37.	Dr Dr	Stamenković M. Živojin		15
38.		Stojković S. Miloš	associate professor	27
39.	Dr		associate professor	5
40.	Dr	Stefanović-Marinović D. Jelena	associate professor	5 14
41.	Dr	Banić S. Milan	assistant professor	
42.	Dr	Bogdanović-Jovanović B. Jasmina	assistant professor	9
43.	Dr	Vitković M. Nikola	assistant professor	16
44.	Dr	Vučković D. Goran	assistant professor	13
45.	Dr	Zdravković M. Milan	assistant professor	14
46.	Dr	Ignjatović G. Marko	assistant professor	12
47.	Dr	Jovanović D. Vesna	assistant professor	5
48.	Dr	Korunović D. Nikola	assistant professor	6
49.	Dr	Kocić M. Miloš	assistant professor	9
50.	Dr	Marković S. Danijel	assistant professor	7
51.	Dr	Milić Đ. Predrag	assistant professor	5

 ${\it List~of~the~professors~employed~at~the~Faculty~of~Mechanical~Engineering~in~Ni\"s-continued}$

No.	Title	Surname, middle initial, first name	Rank	Total number of papers on the SCI (SSCI) list
52.	Dr	Milovanović R. Jelena	assistant professor	10
53.	Dr	Miltenović V. Aleksandar	assistant professor	12
54.	Dr	Nikolić D. Boban	assistant professor	6
55.	Dr	Pavlović R. Ivan	assistant professor	19
56.	Dr	Petković Lj. Dušan	assistant professor	10
57.	Dr	Petrović D. Jelena	assistant professor	11
58.	Dr	Rakić S. Dragan	assistant professor	11
59.	Dr	Simonović D. Julijana	assistant professor	8
60.	Dr	Stojanović S. Vladimir	assistant professor	26
61.	Dr	Stojiljković M. Mirko	assistant professor	14
62.	Dr	Trifunović B. Milan	assistant professor	8
63.	Dr	<u>Ćirić T. Ivan</u>	assistant professor	11
64.	Dr	Cvetković M. Aleksandra	assistant professor	21
65.	Dr	Marinković Z. Dragan	full professor	38
66.	Dr	Ristić-Durrant D. Danijela	associate professor	12

List of the professors with additional employment at the Faculty of Mechanical Engineering in Niš

No.	Title	Surname, middle initial, first name	Rank	Total number of papers on the SCI (SSCI) list
1.	Dr	Dorić Ž. Jovan	associate professor	6
2.	Dr	Ružić A. Dragan	associate professor	5

	First name and surname		BOBAN R. ANĐELKOVIĆ					
Rank	<u> </u>		Full professor					
Speci	ialized scientific f	ïeld	Mechanical Des	sign				
Acad	lemic career	Year	Institution		Specialized scient	fic field		
Electi	ion to rank	2017	Faculty of Mechanical Engineering in Niš		Mechanical Design	ı		
Docto	orate	2006	Faculty of Mecha Engineering in Ni		Mechanical Design			
Magister degree 1993		Faculty of Mecha Engineering in Ni		Mechanical Design				
Master's degree								
	neer's degree	1982	Faculty of Mecha Engineering in Ni	iš	Energy Engineerin			
	of dissertations-dor in the previou		t projects in which	h the profe	ssor is currently e	ngaged or was engag	ed as a doct	oral
No	Dissertation-do	•	roject title	Candidate	e's name	*submitted proposal	**defended	l
1.	"A research on welding's parar fatigue strength	neters on w	9	Miodrag	Milčić	26/10/2016		
docto	year in which the	proposal o *The year	f the dissertation-c in which the disser			ted (only for ongoing as defended (only for di		i -
classi	ification of the co	rrespondi	ng Ministry of Ed	lucation, S		ven study programme ological Development c more than 20)		
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ı	Generated Heat during Friction Stir Welding. Part 1, Journal of Balkan Tribological Association, 17 (2011), 2, pp. 179 – 191 Mijajlović, M., Milčić, D., Anđelković, B., Vukićević, M., Bjelić, M.: Mathematical Model for Analytical Estimation of Generated Heat during Friction Stir Welding. Part 2, Journal of Balkan Tribological Association, 17 (2011), 3, pp. 361 – 370				Balkan Tribological As	sociation, 17 (2011), 2, pp	o. 179 – 191	
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Professional development	
Other information considered relevant	



First name and surname Rank		MIĆA V. VUK	MIĆA V. VUKIĆ Full professor					
		Full professor						
Speci	ialized scientific	field	Thermal Engine	ering, The	rmoenergetics and	Process Engineerin	g	
Academic career Year		Institution		Specialized scienti	ific field			
Electi	on to rank	2015	•	Faculty of Mechanical Engineering in Niš		Thermal Engineering, Thermoenergetics and Process Engineering		
Doctorate 2004		Faculty of Mechanical Engineering in Niš		Thermal Engineering, Thermoenergetics and Process Engineering				
Magis	ster degree	1996	Faculty of Mechanical Engineering in Niš		Thermal Engineering, Thermoenergetics and Process Engineering			
Maste	er's degree							
Engineer's degree 1990		Faculty of Mechanical Engineering in Niš		Thermal Engineering, Thermoenergetics and Process Engineering				
	of dissertations- or in the previo			h the profe	essor is currently e	engaged or was en	gaged as a doctoral	
№	Dissertation-doctoral art project title		Candidat	e's name	*submitted proposal	**defended		
	(C)		111	200	4 /			

No	Dissertation-doctoral art project title	Candidate's name	*submitted proposal	**defended
1.	"Experimental and numerical investigation of thermal and fluid flow processes in package of perforated plates"	Mladen Tomić	145	10/07/2015

^{*}The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period)

Categorization of the publication of scientific papers within the field of the given study programme in line with the classification of the corresponding Ministry of Education, Science and Technological Development, in accordance with the additional standard requirements for the given field (minimum 5 not more than 20)

1.	Tomić M., Živković P., Milutinović B., Vukić M., Andjelković A.: <i>Experimental and Numerical Investigation of Thermal and Fluid-Flow Processes in a Matrix Heat Exchanger</i> , Thermal Science, Vinca Inst Nuclear SCI (2019) Vol. 23, No. 1, pp. 11-21.	M22
2.	Tomić M., Ayed S., Stevanović Ž., Đekić P., Živković P., Vukić M.: <i>Perforated Plate Convective Heat Transfer Analysis</i> , Int. Journal of Thermal Sciences, Elsevier France-Editions Scientifiques Medicales Elsevier (2018) Vol. 124, pp. 300-306.	M21a
3.	Đorđević M., Stefanović V., Vukić M., Mančić M.: <i>Experimental Investigation of the Convective Heat Transfer in a Spirally Coiled Corrugated Tube with Radiant Heating</i> , Facta Universitatis Series: Mech. Engin. (2017) Vol. 13, No 3, pp. 495 – 506.	M24
4.	Đorđević M., Stefanović V., Vukić M., Mančić M.: <i>Numerical Investigation on the Convective Heat Transfer in a Spiral Coil with Radiant Heating</i> , Thermal Science (2016) Vol. 20, Suppl. 5, pp. S1215-S1226.	M23
5.	Živković P., Tomić M., Janevski J., Stevanović Ž., Milutinović B., Vukić M.: <i>Experimental and Analytical Research of the Heat Transfer Process in the Package of Perforated Plates</i> , Thermal Science (2016) Vol. 20, Suppl. 5, pp. S1251-S1257.	M22
6.	Janevski J., Stojiljković M., Stojanović B., Vukić M.: Experimental Research of the Influence of Particle Size and Fluidization Velocity on Zeolite Drying in a Two-Component Fluidized Bed, Thermal Science (2016) Vol. 20, Suppl. 1, pp. S103-S111.	M23
7.	Stevanović Ž., Ilić G., Vukić M., Živković P., Blagojević B., Banjac M.: <i>CFD simulations of thermal comfort in naturally ventilated primary school classrooms</i> , Thermal Science (2016) Vol. 20, Suppl. 1, pp. S287-S296.	M23
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9.	Vukić M., Janevski J., Vučković G., Stojanović B., Petrović A.: <i>Experimental Investigation of the Drying Kinetics of Corn in a Packed and Fluidized Bed</i> , Iranian Journal of Chem. and Chem. Engin. (2015) Vol. 34, No. 3., pp. 43-49.	M23
10.	Vučković G., Stojiljković M., Vukić M., et all: <i>Advanced Exergy Analysis and Exergoeconomic Performance Evaluation of Thermal Processes in an Existing Industrial Plant</i> , Energy Conversion and Management (2014) Vol. 85, pp.655-662.	M21a
11.	Vukić M., Tomić M., Živković P., Ilić G.: <i>Effect of Segmental Baffles on the Shell-and-Tube Heat Exchanger Effectiveness</i> , Chemical Industry Journal (2014) Vol. 68, No. 2, pp. 171-177.	M23
12.	Tomić M., Živković P., Vukić M., Ilić G., Stojiljković M.: <i>Numerical Study of Perforated Plate Convective Heat Transfer</i> , Thermal Science (2014) Vol. 18, No. 3, pp. 949-956.	M22
13.	Ilić G., Vukić M., Radojković N., Živković P., Stojanović I.: <i>Termodinamika II – osnove prostiranja toplote i materije</i> [<i>Thermodynamics II – basics of heat and mass transfer</i>], Mašinski fakultet Univerziteta u Nišu, Unigraf X-Copy, ISBN 978-86-6055-056-1, Niš, 2014.	-
Cum	ulative data on the scientific activity of the professor	

86 (source Scopus)

Total number of citations, excluding self-citations

Total number of papers on the SCI (or SSCI) list	15	
Current participation in projects	Domestic: 2	International: 0
Professional development DAAD grant beneficiary from 2001 to 2006 within the a Application of Numerical Methods for Calculation and C Exchangers.	1 0	
Other information considered relevant		



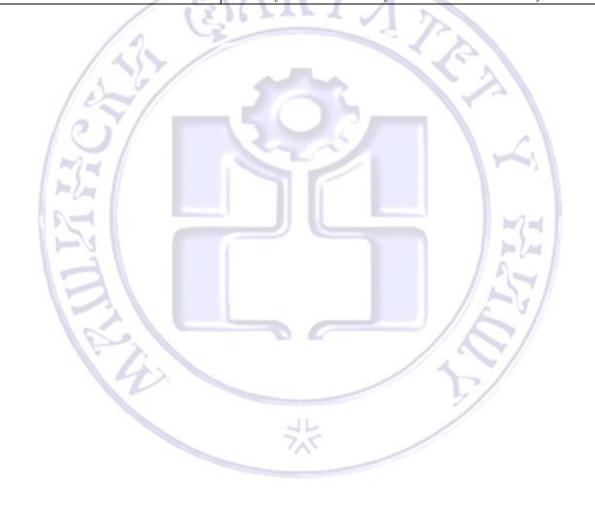
First name and surname		<u>DRAGOLJUB S. ŽIVKOVIĆ</u>				
Rank		Full professor	Full professor			
Specialized scientific	field	Thermal Engineering, Ther	rmoenergetics and Process Engineering			
Academic career Year		Institution	Specialized scientific field			
Election to rank	2003	Faculty of Mechanical Engineering in Niš	Thermal Engineering, Thermoenergetics and Process Engineering			
Doctorate 1993		Faculty of Mechanical Engineering in Belgrade	Thermal Engineering, Thermoenergetics and Process Engineering			
Magister degree 1985		Faculty of Mechanical Engineering in Belgrade	Thermal Engineering, Thermoenergetics and Process Engineering			
Master's degree						
Engineer's degree	1980	Faculty of Mechanical Engineering in Belgrade	Thermal Engineering, Thermoenergetics and Process Engineering			

№	Dissertation-doctoral art project title	Candidate's name	*submitted proposal	**defended
1.	"Techno-economical combined heat and power production plant optimization"	Dejan Mitrović	12	01/10/2010
2.	"Study of thermal-hydraulic conditions on a heated surface with nucleate boiling and boiling crisis"	Andrijana Stojanović	15.71	24/05/2017
3.	"A methodology for techno-economic optimization of poligeneration systems based on utilization of renewable energy sources"	Marko Mančić	1 \	29/03/2018
4.	"Numerical-experimental analysis of thermomechanical structure state of fire- tube hot water boilers in variable operating modes"	Milena Rajić	20/05/2019	7

^{*}The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period)

1.	Mitrović D., Živković D., <i>Computation of Working Life Consumption of a Steam Turbine Rotor</i> , Journal of Pressure Vessel Technology – Transactions of the ASME (USA), Vol. 132, p. 021202/1-021202/6., 2010.	M22
2.	Mitrović D., Živković D., Laković M., <i>Energy and Exergy Analysis of a 348.5 MW Steam Power Plant</i> , Energy Sources, Part A – Recovery, Utilization and Environmental Effects (USA), Vol.32, p.1016-1027, 2010.	M22
3.	Živković D., Milčić D., Banić M., Milosavljević P., <i>Thermomechanical Finite Element Analysis of Hot Water Boiler Structure</i> , THERMAL SCIENCE, 2012, Vol. 16, Suppl. 2, ISSN 0354-9836, p. 443-456.	M23
4.	Grković V., Živković D., Guteša M., A New Approach in CHP Steam Turbines Thermodynamic Cycles Computations, Thermal Science, Year 2012, Vol. 16, Suppl. 2, Society of Thermal Engineers of Serbia, ISSN 0354-9836, p. 457-466.	M23
5.	Jovanovic G., Zivkovic D., Mancic M., Stankovic V., Stankovic D. et al., <i>A model of a Serbian energy efficient house for decentralized electricity production</i> , Journal of Renewable and Sustainable Energy (jrse.aip.org), American Institute of Physics, Citation: J. Renewable Sustainable Energy 5, 041810 (2013); doi: 10.1063/1.4812997	M23
6.	Mančić M., Živković D., Milosavljević P., Todorović M., <i>Mathematical Modelling and Simulation of the Thermal Performance of a Solar Heated Indoor Swimming Pool</i> , THERMAL SCIENCE, Institut za nuklearne nauke "Vinča", 18, 3, pp. 999 - 1010, 0354-9836, 621, 10.2298/TSCI1403999M, 2014.	M22
7.	Rajić M., Živković D., Mančić M., Ilić G., <i>Application of Energy and Exergy Analysis to Increase Efficiency of a Hot Water Gas Fired Boiler</i> , Chem. Ind. Chem. Eng. Q CICEQ, Association of the Chemical Engineers of Serbia, 20, 4, pp. 511 - 521, 1451-9372, 621.1:53, 10.2298/CICEQ130716033T, 2014.	M23
8.	Mančić M., Živković D., Đorđević M., Rajić M., <i>Optimization of a Polygeneration System for Energy Demands of a Livestock Farm</i> , THERMAL SCIENCE, Vinča Institute of Nuclear Sciences, Belgrade, 20, Sup5, pp. 1285 - 1300, 2334-7163, 10.2298/TSCI16S5285M, 2016.	M22
9.	Stojanović A., Stevanović V., Petrović M., Živković D., <i>Numerical Investigation of Nucleate Pool Boiling Heat Transfer</i> , THERMAL SCIENCE, Vinča Institute of Nuclear Sciences, Belgrade, 20, Sup5, pp. 1301 - 1312, 2334-7163, 10.2298/TSCI16S5285M, 2016.	M22

Mancic M., Zivkovic D., Djordjevic M., Jovanovic M., Rajic M., Mitrovic D., <i>Techno-Economic Optimization of Configuration and Capacity of a Polygeneration System for the Energy Demands of a Public Swimming Pool Building</i> , THERMAL SCIENCE, (2018), vol. 22 br., Suppl. 5, str. S1535-S1549. ISSN 0354-9836						
Rajic M., Banic M., Zivkovic D., Tomic M., Mancic M., Construction Optimization of Hot Water Fire-Tube Boiler Using Thermomechanical Finite Element Analysis, Thermal Science, (2018), vol. 22, Suppl. 5, str. S1511-S1523.						
12.	Rajić M., Živković D., Mančić M., Milčić D., <i>Dynamic behaviour of hot water boilers during start up</i> , Facta Universitatis, Series: Mechanical Engineering, University of Nis, 12, 1, pp. 85 - 94, 0354-2025, 2014.					
13.	Živković D., <i>Matematičko modelovanje dinamičkog ponašanja parnih turbina pri nestacionarnim režimima rada</i> 13. [Mathematical modelling of the dynamic behaviour of steam turbines in unsteady operation modes], Monografija - Turbomašine, Grejanje i Klimatizacija, ISBN86-7083-211-9, s.245-256., Beograd, 1992.					
Cum	ulative data on the scientific activity of the pi	rofessor				
Total	number of citations, excluding self-citations	47 – Scopus; 97 -	- Google Scholar			
Total	number of papers on the SCI (or SSCI) list	12				
Curre	ent participation in projects	Domestic: 2	International: 1			
Profe	ssional development:					
_	alization in the field of multiphase flows and unsteady ical University of Prague, Czech Republic, (6 month.	-	nergy plants, Faculty of Mechanical Engineerin	ıg,		
Other	r information considered relevant Mem	ber of the Editorial Boo	ard of the "TEHNIKA – Mašinstvo" journal sind	ce 2004		



First name and surname		MIODRAG T. MANIĆ	
Rank		Full professor	
Specialized scientifi	ic field	Production Systems and Te	chnologies
Academic career Year		Institution	Specialized scientific field
Election to rank	2006	Faculty of Mechanical Engineering in Niš	Production Systems and Technologies
Doctorate	1995	Faculty of Mechanical Engineering in Niš	Production Systems and Technologies
Magister degree	1989	Faculty of Mechanical Engineering in Niš	Production Systems and Technologies
Master's degree			
Engineer's degree	1980	Faculty of Mechanical Engineering in Niš	Production Systems and Technologies

No	Dissertation-doctoral art project title	Candidate's name	*submitted proposal	**defended
1.	"Modeling of the correlations among the metal cutting process parameters using the adaptive neuro-fuzzy systems"	Dejan Tanikić	145	18/09/2009
2.	"Modeling of the correlations between the parameters of the plasma arc cutting and heat balance analysis using methods of artificial intelligence"	Anđela Lazarević	150	07/05/2010
3.	"Analysis of parameters of manufacturability based on the semantic features of the product model"	Miloš Stojković	1	01/04/2011
4.	"Customized implants manufacturability analysis using artificial intelligence methods"	Miloš Ristić, MSc	_ N	10/03/2017
5.	"Parametric models of the plate implants for humerus bone"	Mohammed Al-Rijebat		15/03/2019
6.	"Creation of 3D parametric human mandible model based on techniques of artificial intelligence"	Mitić Jelena	15	05/07/2019

^{*}The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period)

1.	Vitković, N., Mladenović, S., Trifunović, M., Zdravković, M., Manić, M., Trajanović, M., Mišić, D., & Mitić, J. (2018). Software Framework for the Creation and Application of Personalized Bone and Plate Implant Geometrical Models. Journal of Healthcare Engineering, 2018, Article ID 6025935, 11 pages. DOI: 10.1155/2018/6025935	M23
2.	Trifunovic, M., Stojkovic, M., Trajanovic, M., Manic, M., Misic, D., & Vitkovic, N. (2016). <i>Analysis of semantic features in free-form objects reconstruction</i> . Artificial Intelligence for Engineering Design, Analysis and Manufacturing, 30(1), 44-63. DOI: 10.1017/S0890060415000153	M23
3.	Stojkovic, M., Trifunovic, M., Misic, D., & Manic, M. (2015). <i>Towards Analogy-Based Reasoning in Semantic Network</i> . Computer Science and Information Systems, 12(3), 979-1008. DOI: 10.2298/CSIS141103036S	M23
4.	Trifunovic, M., Stojkovic, M., Misic, D., Trajanovic, M., Manic, M. (2015). <i>Recognizing Topological Analogy in Semantic Network</i> . International Journal on Artificial Intelligence Tools, 24(3), 1550006-1 - 1550006-25. DOI: 10.1142/S0218213015500062	M23
5.	Mišic, D., Stojkovic, M., Domazet, D., Trajanovic, M., Manic, M., Trifunovic, M. (2010). <i>Exception detection in business process management systems</i> . Journal of Scientific & Industrial Research, 69(3), 188-193.	M22
6.	Madic M., Radovanovic M., Manic M., Trajanovic M., <i>Optimization of ANN models using different optimization methods for improving CO2 laser cut quality characteristics</i> , Journal of the Brazilian Society of Mechanical Sciences and Engineering, (2014), vol. 36 br. 1, str. 91-99	M22
7.	Manic M., Miltenovic V., Stojkovic M., Banic M., <i>Feature Models in Virtual Product Development</i> , Strojniski Vestnik-Journal of Mechanical Engineering, (2010), vol. 56 br. 3, str. 169-178	M23

8.	Tanikic D., Manic M., Mancic D., Radenkovic G., <i>Metal cutting process parameters modeling: an artificial intelligence approach</i> , Journal of Scientific & Industrial Research, (2009), vol. 68 br. 6, str. 530-539	M22
9.	Tanikic D., Manic M., Devedzic G., Cojbasic Z., <i>Modelling of the Temperature in the Chip-forming Zone Using Artificial Intelligence Techniques</i> , Neural Network World, (2010), vol. 20 br. 2, str. 171-187	M23
10.	N. Vitkovic, J. Mitic, M. Manic, M. Trajanovic, K. Husain, S. Petrovic, S. Arsic, "The Parametric Model of the Human Mandible Coronoid Process Created by Method of Anatomical Features", Hindawi publishing corporation 2015.	M23
11.	Milenkovic S., Mitkovic M., Micic I., Mladenovic D., Najman S., Trajanovic M., Manic M., Mitkovic M., <i>Distal tibial pilon fractures (AO/OTA type B, and C) treated with the external skeletal and minimal internal fixation method</i> , Vojnosanitetski Pregled 2013; 70(9): 836–841	M23
12.	Vitković, N., J. Milovanović, M.Trajanović, M.Stojković, N.Korunović, M. Manić, <i>Different Approaches for the Creation of Femur Anatomical Axis and Femur Shaft Geometrical Models</i> , Strojarstvo: časopis za teoriju i praksu u strojarstvu, Vol. 54, No 3, pp 247-255, 2012.	M23
13.	Randjelovic S., Manic M. , Trajanovic M., Milutinovic M., Movrin D., <i>The impact of die angle on tool loading in the process of cold extruding steel</i> , Materials and technology, 46 (2012) 2, pp 149–154, ISSN: 1580-2949	M23
14	Rashid H., Vitkovic N., Manic M., Trajanovic M., Mitkovic M. B., Mitkovic M.M., <i>Geometrical Model Creation Methods for Human Humerus Bone and Modified Cloverleaf Plate</i> , Journal of Scientific & Industrial Research, (2017), vol. 76 br. 10, str. 631-639	M23
Cum	ulative data on the scientific activity of the professor	

Total number of citations, excluding self-citations	110 (source Scopus)	1
Total number of papers on the SCI (or SSCI) list	25	2
Current participation in projects	Domestic: 2	International: 2

Professional development

Professional development in Manchester, England, at the UMIST Manufacturing and Machine Tools Engineering Division.

"Shop Turn, Shop Mill Operating and Programming Train the Trainer", SIEMENS Training for Automation and Industrial Solutions; March 2012 Bucharest, Romania

Other information considered relevant



First name and surname		PEĐA M. MILOSAVLJEVIĆ				
Rank		Full professor	Full professor			
Specialized scientific	field	Industrial Management				
Academic career Year Institution Specialized scientific field		Specialized scientific field				
Election to rank	2015	Faculty of Mechanical Engineering in Niš	Industrial Management			
Doctorate	2005	Faculty of Mechanical Engineering in Niš	Industrial Management			
Magister degree	1997	Faculty of Mechanical Engineering in Niš	Production Engineering			
Master's degree						
Engineer's degree	1992	Faculty of Mechanical Engineering in Niš	Production Engineering			

No	Dissertation-doctoral art project title	Candidate's name	*submitted proposal	**defended
1.	"Risk management model in car insurance"	Ivan Radojković, MSc	12	04/11/2016
2.	"Development of an integrated management and planning model of in terms of risk in an industrial enterprise"	Sofija Pavlović, MSc	15.71	16/05/2017
3.	"Development of model of maintenance system by applying simulation"	Saša Petrović		27/02/2019
4.	"Improvement of services efficiency in health care facilities by using modern quality concepts, methods and tools"	Srđan Mladenović	08/12/2014	3

^{*}The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period)

1.	I. Radojković, P. Milosavljević, G. Janaćković, M. Grozdanović, <i>The key risk indicators of road traffic crashes in Serbia, Nis region</i> , International Journal of Injury Control and Safety Promotion, Taylor & Francis Group, 2019, Vol. 26, No 1, Page 45-51.	M23
2.	M. Milovanović, D. Antić, M. Rajić, P. Milosavljević, A. Pavlović, C. Fragassa, <i>Wood resource management using an endocrine NARX neural network</i> , European Journal of Wood and Wood Products, Vol. 76, No 2, 2018, Springer-Verlag GmbH Germany, Page 687-697.	M21
3.	S. Petrović, P. Milosavljević, J. Lozanović Šajić, <i>RAPID evaluation of maintenance process using statistical process control and simulation</i> , International Journal of Simulation Modelling, Vol. 17 (2018) 1, DAAAM International Vienna, Page 119-132.	M22
4.	S. Mladenović, P. Milosavljević, N. Milojević, D. Pavlović, M. Todorović, <i>The Path towards Achieving a Lean Six Sigma Company using the Example of the Shinwon Company in Serbia</i> , Facta Universitatis, Series: Mechanical Engineering, Vol. 14, No 2, 2016, Niš, Page 219-226.	M24
5.	V. Stoiljković, P. Milosavljević, S. Mladenović, D. Pavlović, M. Todorović, <i>Improving the efficiency of the Center for Medical Biochemistry, Clinical Center Niš, by applying Lean Six Sigma methodology</i> , Journal of Medical Biochemistry, Volume 33 (3), 2014., Page 299-307.	M23
6.	M. Mančić, D. Živković, P. Milosavljević, M. Todorović, <i>Mathematical Modelling and Simulation of the Thermal Performance of a Solar Heated Indoor Swimming Pool</i> , Thermal Science, Year 2014, Vol. 18, Suppl. 3. pp. 999-1010.	M22
7.	D. Pavlović, M. Todorović, S. Mladenović, P. Milosavljević, <i>The Role of Quality Methods in Improving Education Process: Case Study</i> , An International Journal for Theory and Practice of Management Science: "Serbian Journal of Management", Vol 9, No 2 (2014), Page 219-230.	M51
8.	D. Živković, D. Milčić, M. Banić, P. Milosavljević, <i>Thermomechanical Finite Element Analysis of hot Water Boiler Structure</i> , Thermal Science, Year 2012, Vol. 16, Suppl. 2, pp. S443-S456.	M23
9.	П. Милосављевић, <i>Инжењерски менацмент [Engineering management]</i> , уџбеник, Машински факултет Универзитета у Нишу, 2015.	-
10.	Стоиљковић В., Милосављевић П., и др., <i>Индустријски менацмент [Industrial Management]</i> , практикум, Машински факултет Универзитета у Нишу, 2010.	-
Cum	ulative data on the scientific activity of the professor	

Total number of citations, excluding self-citations	27 (source Scopus)			
Total number of papers on the SCI (or SSCI) list	8			
Current participation in projects	Domestic: 2	International: 1		
Professional development				
Technical University of Hamburg-Harburg, Department of Production Technologies II (Machine tools and automation), Germany				
(DAAD-foundation): October 1998 – July 1999; November-December 2006.				
Other information considered relevant				



	name and surnan	ne	MILOŠ S. MI	<u>LOŠEVIĆ</u>							
Rank		Full professor									
Speci	ialized scientific fi	eld	Mechatronics								
Acad	lemic career	Year	Institution		Specialized scienti	fic field					
Electi	ion to rank	2017	Faculty of Mech Engineering in N		Mechatronics						
Docto	orate	2006	Faculty of Mech Engineering in N		Mechatronics						
Magis	ster degree	1998	Faculty of Mech Engineering in N		Precision Engineeri	ng and Robotics					
Maste	er's degree										
Engin	neer's degree	1993	Faculty of Mech Engineering in N		Automatic Control						
	of dissertations-do sor in the previous		projects in whic	ch the profe	ssor is currently e	ngaged or was enga	aged as a doct	oral			
№	Dissertation-doo	ctoral art p	roject title	Candidate	's name	*submitted proposal	**defended				
			130			2					
Cate:	oral art projects from gorization of the p ification of the cor	n the previ publication respondin	ous period) of scientific par g Ministry of E	pers within ducation, S	the field of the giv	en study programmelogical Developmen	ne in line with				
1.	Павловић, Н., Мило	ошевић, М.,		_		Mechanical Engineerin	g in Niš, Ниш,				
2.	ISBN 978-86-6055-029-5, 2012. Милошевић, М., Тјупа, Љ., Компоненте мехатроничких система код возила [Components of mechatronic systems in vehicles] , Faculty of Mechanical Engineering in Niš, Ниш, ISBN 978-86-6055-090-5, 2017.						_				
3.	Павловић, Д. Н., <i>Механизам који о</i>	ић, Д. Н., Петровић, Т., Павловић, Т. Н., Милошевић, М., Јовановић, С., Ђорђевић, Б., Јовановић, Д., изам који омогућава аутоматизовано подешавање положаја ногу пацијента на болничком кревету [The ism that enables automated adjustment of patient's leg position on a hospital bed], МП-2011/0001, 2011.						-			
4.	Pavlović, N. T., Pa <i>Compliant Mechan</i> Microactuators and pp. 127-138, DOI 1	vlović, N. I vism Synthe Micromech 0.1007/978	D., Milošević, M., <i>Selection of the Optimal Rigid-Body Counterpart Mechanism in the lesis Procedure</i> , Proceedings of MAMM-2016, Ilmenau, Germany, 2016; book chapter in: chanisms, Mechanisms and Machine Science, ISSN 2211-0992, Vol. 45, Springer, 2016, 8-3-319-45387-3_12.								
5.	The second second			Milošević, M., Miltenović, A., <i>Tribology Aspect of Rubber Shock Absorbers</i> try, ISSN 03548996, Vol. 35, No. 3, 2013, pp. 242 – 248.							
6.	Stamenković, D., Nikolić, M., Milošević, M., Banić, M., Miltenović, A., Mijajlović, M., <i>Tribological Aspect of Rubber</i>						M24				
7.	Mijajlović, M., Vidojković, S., Milošević, M., <i>Temperature Dependent Effective Friction Coefficient Estimation in Friction Stir Welding with the Bobbin Tool</i> , Thermal Science, ISSN: 0354-9836, Vol. 20, Suppl. 5, 2016, pp. 1321-1332, DOI: DOI:10.2298/TSCI16S5321M.						M22				
8.	Milošević, M., Stamenković, D., Milojević, A., Tomić, M., <i>Modeling thermal effects in braking systems of railway vehicles</i> , Thermal Science, ISSN: 0354-9836, Vol. 16, Suppl. 2, 2012, pp. 515-526, DOI: 10.2298/TSCI120503188M. Milošević, M., Banić, M., Stamenković, D., Pavlović, V., Tomić, M., Miltenović, A., <i>Distribution of Generated</i>				M23						
9.	Friction Heat at W 20, Suppl. 5, 2016,	<i>Vheel-rail C</i> pp. 1561-15	Contact During Wi 661, DOI:10.2298/	heel Slipping FSCI16S5561	Acceleration, Therm M.	nal Science, ISSN: 03	54-9836, Vol.	M22			
10.	Banić, M., Stamenković, D., Miltenović, V., Milošević, M., Miltenović, A., Đekić, P., Rackov, M., <i>Prediction of Heat Generation in Rubber or Rubber-Metal Springs</i> , Thermal Science, ISSN: 0354-9836, Vol. 16, Suppl. 2, 2012, pp. 593-606, DOI: 10.2298/TSCI120503189B.						M23				
	Stamenković, D., Milošević, M., Mijajlović, M., Banić, M., Recommendations for the Estimation of the Strength of						ournal of Rail	M23			
11.	and Rapid Transit,										
11.	Stamenković, D., N	Milošević, M		T., Ivanov, I., Milošević, M., A New Structure of Combined Gear Trains with High Transmission Ratios,							
	Stamenković, D., N Joints, Journal of th Petrović, T., Ivano Forschung im Inge	Milošević, M ne Balkan T v, I., Miloše enieurwesen	ribological Associa ević, M., <i>A New S</i>	ation, ISSN 13	310-4772, Vol. 17, No Combined Gear Train	Joints, Journal of the Balkan Tribological Association, ISSN 1310-4772, Vol. 17, No 3, 2011, pp. 341–355. Petrović, T., Ivanov, I., Milošević, M., A New Structure of Combined Gear Trains with High Transmission Ratios, Forschung im Ingenieurwesen, ISSN 0015-7899, Springer-Verlag, Volume 73, Number 3, 2009, pp. 119-127, DOI 10.1007/s10010-008-0085-9.					
12.	Stamenković, D., N. Joints, Journal of the Petrović, T., Ivano Forschung im Inge 10.1007/s10010-00 Miltenović, A., Bar Wheel-Rail Contact 2025, Vol. 13, No 2	Milošević, M ne Balkan T v, I., Milošo nieurwesen 8-0085-9. nić, M., Star ct Using FI 2, 2015, pp.	ribological Associativić, M., <i>A New S</i> , ISSN 0015-7899 menković, D., Milo EM, Journal FAC 99 – 108.	ation, ISSN 1. Structure of (), Springer-V ošević, M., Τα ΓΑ UNIVER:	310-4772, Vol. 17, No. Combined Gear Trainerlag, Volume 73, Nomić, M., Determinat SITATIS, Series Med	o 3, 2011, pp. 341–355 ns with High Transm	ission Ratios, 119-127, DOI Generation in ISSN 0354 -	M23 M23 M24			

0354 – 2025, Vol. 15, No 1, 2017, pp. 11	9 – 132, DO	I: 10.22190/FUME16	50628003N.	
Milošević, M., Miltenović, A., Banić,	M., Tomić,	M., Determination	of Residual Stress in Rail Wheel During	
			ΓATIS, Series Mechanical Engineering, ISSN	M24
0354 – 2025, Vol 15, No 3, 2017, pp. 413	3 - 425, DOI	: 10.22190/FUME170	0206029M.	
Cumulative data on the scientific activity	of the pro	fessor		
Total number of citations, excluding self-cit	tations	55 (source Scopu	s)	
Total number of papers on the SCI (or SSCI	I) list	10		
Current participation in projects		Domestic: 2	International: 2	
Professional development			<u> </u>	
"Mechatronics" subproject Other information considered relevant	Science Mechan Subproje Develop design fo and Scie	(ASTOMM) and the Ir ism and Machine Scie ect manager at the Fament and integration or medical purposes (nice of the Republic of professor Goran Do	iation for the Promotion of Mechanism and Ma nternational Federation for the Promotion of ence (IFToMM) wellty of Mechanical Engineering within the pro of technologies for intelligent mechatronic inte HUMANISM), funded by the Ministry of Educa of Serbia, project reference number III 44004, p praević, Faculty of Electronic Engineering in Na	oject rface tion roject



First name and surnar	ne	<u>DRAGAN S. MILČIĆ</u>						
Rank		Full professor	Full professor					
Specialized scientific f	ield	Mechanical Design						
Academic career	Year	Institution	Specialized scientific field					
Election to rank	2011	Faculty of Mechanical Engineering in Niš	Mechanical Design					
Doctorate	2001	Faculty of Mechanical Engineering in Niš	Mechanical Design					
Magister degree	1993	Faculty of Mechanical Engineering in Niš	Mechanical Design					
Master's degree								
Engineer's degree	1981	Faculty of Mechanical Engineering in Niš	Energy Engineering					

№	Dissertation-doctoral art project title	Candidate's name	*submitted proposal	**defended
1.	"Investigation and development of the analytical model for amount of generated heat estimation during friction stir welding"	Miroslav Mijajlović	(2)	15/06/2012
2.	"Reliability analysis and new generation of collector electromotors development for needs of automobile industry"	Branislav Popović	1/2	14/12/2012
3.	"Investigation of mechanical tribological parameters of radial sliding bearings with graphite from the optimal basic function point of view"	Nada Bojić, MSc	1	28/09/2016
4.	"Research tribological characteristics of radial plain bearing made of tin based white metal alloy - Tegotenax V840"	Amir (Mustafa Rashid) Al- Sammarraie		23/04/2018
5.	"Research of construction-tribological parameters of ball bearings with angular contact type ZKLF in terms of optimal basic functions"	Vladislav Krstić, MSc	13	27/09/2018
6.	"Research and development of reliability model of modern cutting tools"	Predrag Dašić, MSc	12/07/2010	/
7.	"Research and improvement of structures distributor valve brake system for freight cars in view of reliability"	Erdinč Rakipovski	26/10/2016	
8.	"Research and development of the gear unit of high-specific power"	Vojkan Nojner	25/02/2019	
	The state of the s			

^{*}The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period)

1.	Andjelković Boban, Milčić Dragan, Janošević Dragoslav, Milovančević Miloš: <i>Modified Neural Network-based Study Into the Coefficient of Friction in Pressed Assemblies</i> , TRANSACTIONS OF FAMENA, (2010), vol. 34 br. 3, str. 29-38	M23
2.	Mijajlović Miroslav, Milčić Dragan, Stamenković Dušan, Živković Aleksandar: <i>Mathematical Model for Generated Heat Estimation During Plunging Phase of FSW Process</i> , Transactions of Famena, Faculty of Mechanical Engineering and Naval Architecture, Zagreb, Croatia, XXXV-1/2011, April 2011, pp 39 - 54, ISSN 1333-1124, UDC 621.791.1.	M23
3.	Mijajlović Miroslav, Milčić Dragan, Andjelković Boban, Vukićević Miomir, Bjelić Mišo: <i>Mathematical Model for Analytical Estimation of Generated Heat During Friction Stir Welding. Part 1</i> , JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION, (2011), vol. 17 br. 2, str. 179-191	M23
4.	Mijajlović Miroslav, Milčić Dragan, Andjelković Boban, Vukićević Miomir, Bjelić Mišo: <i>Mathematical Model for Analytical Estimation of Generated Heat During Friction Stir Welding. Part 2</i> , JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION, (2011), vol. 17 br. 3, str. 361-370	M23

5.	Milčić Dragan, Mijajlović Miroslav, Pavlović T. Nenad, Vukić Mića, Mančić Dragan, <i>Temperature based validation of the analytical model for the estimation of the amount of heat generated during friction stir welding</i> , Thermal Science, 2012, Vol. 16, Issue Supplement 2, 337-350, ISSN 0354-9836						
6.	Milčić Dragan, Miladinović Slobodan, Mijajlović Miro Wheel Excavator SRs 1300 in Coal Strip Mine Drmno			M23			
7.	Mijajlović Miroslav, Milčić Dragan, Milčić Miodra SCIENCE, (2014), vol. 18 br. 3, str. 967-978	g, Numerical Simula	tion of Friction Stir Welding, THERMAL	M23			
8.	Vukićević Miomir, Bjelić Mišo, Milčić Dragan, Mijaj in Simulation of the Temperature Field in Electric GAZETTE, (2018), vol. 25 br. 1, str. 64-71	, ,	, ,	M23			
9.	Milčić Dragan, Milčić Miodrag, Nojner Vojkan, Milovančević Miloš, Computer-aided modeling of rolling-element						
10.	Милчић Д.: <i>Машински елементи [Machine elen</i> 978-86-6055-110-0 (COBISS.SR-ID 271733772), Nis		chanical Engineering in Niš, CBEH, ISBN				
Cum	nulative data on the scientific activity of the prof	fessor					
Tota	l number of citations, excluding self-citations	39 (source Scopus))				
Tota	Total number of papers on the SCI (or SSCI) list 10						
Curr	ent participation in projects	Domestic: 2	International: 0				
Professional development							
Othe	Other information considered relevant						



First name and surname		MELANIJA S. MITROVIĆ							
Rank		Full professor							
Specialized scientific field			Mathematics and Computer Science						
Acad	emic career	Year	Institution Specialized scientific field						
Election	on to rank	2014	Faculty of Mechan Engineering in Niš		Mathematics and Computer Science				
Docto	rate	2000	Faculty of Sciences Mathematics in Nis	s and	Algebra				
Magis	ter degree	1992	Faculty of Philosop – Mathematics Dep		Algebra				
Maste	r's degree								
	lor's degree	1983	Faculty of Philosop – Mathematics Dep	partment	Algebra				
	f dissertations-do or in the previous		projects in which	the profes	sor is curre	ntly e	engaged or was eng	aged as a doct	oral
No॒	Dissertation-doc	toral art pr	roject title (Candidate's	name	1	*submitted proposal	**defended	
			130		- 4	1	1		
docto docto Categ classi	ral art projects), ** ral art projects from corization of the p fication of the cor	The year in the previous the pr	n which the disserta ous period) of scientific paper g Ministry of Edu	rs within t	ral art project he field of t ience and T	ct wa he gi echn	tted (only for ongoin s defended (only for ven study programs ological Developme	dissertations- me in line with	the
with			uirements for the		•				
1.	emphasize on cons	<i>tructive sen</i> Theory Towa	nigroups with apartm ards Applications, Vo	iess - an ov	erview, accep	oted in	ive algebraic structure Stochastic Processes and Applications, (Eds.:	and Algebraic	M13
2.	M. Mitrović, S. Sil accepted in Stochas	vestrov, Ser	nilattice decompositi	ictures - Fro	m Theory To	wards	iness and periodicity of Applications, Volume ager, 2019.		M13
3.		Journal of					coups with apartness: 1, 2019, 012076, doi:		M16
4.	Forum, June 2016,	Volume 92,	Issue 3, 659-674.				igroups with Apartne		M22
5.	Y. Shao, S. Crvenko 2016, 100 (114), 87		trović: <i>Distributive I</i>	attices of J	acobson Ring	s, Pul	olications de l'Institut l	Mathematique,	M23
6.		ić, M. Mitro		ciples and D	ouble Seque	nces I	I, Hacettepe Journal o	f Mathematics	M23
7.	407-414, malq.2012	200107.					atical Logic Quarterly		M23
8.	of the Australian M	athematical	Society, 2013, 95 (3)	, 404–420 I	OOI 10.1017/S	SI4466		3 ·	M23
9.	Rapeseed Oil, Biod	iesel, and D	iesel Fuel, Thermal	Science, 201	2, 16, Suppl.	. 2, 50		_	M22
10.	(2005), 356–360.				dempotents,	Semig	group Forum, Volume	70, Number 3	M22
			activity of the pro		~ .	<i>a</i> 1			
	Total number of citations, excluding self-citations 266 (source <i>Google Scholar</i>)								
	number of papers of		(or SSCI) list	20		-	. 1 1		
	nt participation in			Domest	ic: I	Int	ernational: 1		
 EUI Men Ten Visi 	Professional development 1. EUROWEB+ mobility project (3 months), Malardalen University, Sweden, 2017, 2018. 2. Member of PhD defending committees, Sweden, 2018. 3. Tempus IMG-SCG1025-2005, TU Wien, Austria, 2005. 4. Visiting professor at University of Minho, Braga, and UTAD, Vila Real, Portugal; Bar-Ilan University, Tel Aviv, Israel; University of Bucharest, Romania; Politecnico di Milano, Italy; University of Banja Luka.							rsity of	
	information consider		Organi	zer of two ir	ternational c		ences; member of progr erences, invited speake		

First name and surna	ame	<u>VLASTIMIR D. NIKOLIĆ</u>					
Rank		Full professor					
Specialized scientific	field	Automatic Control and Ro	Automatic Control and Robotics				
Academic career Year		Institution	Specialized scientific field				
Election to rank	1997	Faculty of Mechanical Engineering in Niš	Automatic Control and Robotics				
Doctorate	1985	Faculty of Mechanical Engineering in Belgrade	Automatic Control and Robotics				
Magister degree	1981	Faculty of Mechanical Engineering in Belgrade	Automatic Control and Robotics				
Master's degree							
Engineer's degree	1978	Faculty of Mechanical Engineering in Niš	Transport Engineering				

Nº	Dissertation-doctoral art project title	Candidate's name	*submitted proposal	**defended
1.	"Artificial neural network application for short-term prediction and analysis of district heating systems"	Miloš Simonović, MSc	145	13/07/2016
2.	"The development of hierarchical control structure of mobile robot to track people based on robust stereo robot vision"	Emina Petrović	100	09/05/2017
3.	"Application of the hybrid bond graphs and genetic algorithms in optimization and control of the technical systems"	Dragana Trajković	22/03/2013	
4.	"Optimal recognition and localization of acoustic source using artificial intelligence methods"	Marko Kovandžić	25/02/2019	
5.	"Application of intelligent machine vision systems for autonomous train operation"	Milan Pavlović	01/04/2019	

^{*}The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period)

1.	Nikolić V., Ćojbašić Ž., Pajović D. (1996), <i>Automatsko upravljanje - analiza sistema [Automatic control – system analysis]</i> , Mašinski fakultet u Nišu, 308 str., Niš (univerzitetski udžbenik).	-
2.	Nikolić V., Ćojbašić Ž., Simonović M. (2008), Zbirka zadataka iz upravljanja sistemima [Collection of tasks in system control] , Mašinski fakultet u Nišu, Niš (pomoćni univerzitetski udžbenik, recenzije usvojene na NNV 15/2007 MFN od 29.06.2007.god.).	-
3.	V. Nikolić, V. Mitić, Lj. Kocić, D. Petković, <i>Wind speed parameters sensitivity analysis based on fractals and neuro-fuzzy selection technique</i> , Knowledge and Information Systems, doi:10.1007/s10115-016-1006-0, 2017.	M21
4.	D. Marković, D. Petković, V. Nikolić, M. Milovančević, B. Petković, <i>Soft computing prediction of economic growth based in science and technology factors</i> , Physica A: Statistical Mechanics and its Applications, 465, pp. 217 - 220, https://doi.org/10.1016/j.physa.2016.08.034, Jan2017.	M21
5.	M. Kovandžić, V. Nikolić, A. Al-Noori, I. Ćirić, M. Simonović, <i>Near Field Acoustic Localization Under Unfavorable Conditions Using Feedforward Neural Network For Processing Time Difference Of Arrival</i> , EXPERT SYSTEMS WITH APPLICATIONS, 71, 1, pp. 138 - 146, 0957-4174, 10.1016/j.eswa.2016.11.030, 2016.	M21
6.	V. Nikolić, D. Petković, P.L Yee, Sh. Shamshirband, M. Zamani, Ž. Ćojbašić, Sh. Motamedi, <i>Potential of neuro-fuzzy methodology to estimate noise level of wind turbines</i> , MECHANICAL SYSTEMS AND SIGNAL PROCESSING, 66-78, pp. 715 - 722, 0888-3270, 10.1016/j.ymssp.2015.03.013, 2015.	M21
7.	I. Pavlović, I. Ćirić, P. Djekić, V. Nikolić, R. Pavlović, Ž. Ćojbasić, G. Radenković, <i>Rheological model optimization using advanced evolutionary computation for the analysis of the influence of recycled rubber on rubber blend dynamical behavior</i> , Meccanica, 2013, DOI 10.1007/s11012-013-9761-4.	M21
8.	V. Nikolić, D. Petković, N. Denic, M. Milovančević, S.Gavrilovic, <i>Appraisal and review of e-learning and ICT systems in teaching process</i> , Physica A: Statistical Mechanics and Its Applications, Vol. 513, 1 2019, pp. 456-464, https://doi.org/10.1016/j.physa.2018.09.003, 2019.	M22
9.	V. Nikolić, D. Petković, M. Milovančević, H. Deneva, L. Lazov, E. Teirumenieka, Optimization of Laser Cutting Parameters Using	M22

	an Adaptive Neuro-fuzzy Methodology, LASERS IN ENGINEERING, (2018), vol. 40 br. 4-6, str. 341-346,							
10.	V. Vučković, V. Mitić, Lj. Kocić, V. Nikolić, <i>The fractal nature approach in ceramics materials and discrete field simulation, Science of Sintering</i> , DOI: 10.2298/SOS1803371V, 2018.							
11.	I. Ćirić, Ž. Ćojbašić, D. Ristić-Durant, V. Nikolić, M. Ćirić, M. Simonović, I. Pavlović, <i>Thermal Vision based Intelligent System for Human Detection and Tracking in Mobile Robot Control System</i> , Thermal Science, 5, 20, pp. s1553 - s1559, 0354-9836, 621, 10.2298/TSCI16S5553Ć, 2016.							
12.	M. Simonović, V. Nikolić, E. Petrović, I. Ćirić, <i>Artificial Neural Networks</i> , Thermal Science, 5, 20, p			M22				
13.	V. Nikolić, D. Petković, L. Lazov, M. Milovančević, underwater laser process by adaptive neuro 10.1016/j.infrared.2016.05.021, 2016.	•		M22				
Cum	ulative data on the scientific activity of the pro	fessor						
Total	l number of citations, excluding self-citations	716 (source Scopus)					
Total number of papers on the SCI (or SSCI) list 56								
Curre	Current participation in projects Domestic: 2 International: 1							
Profe	Professional development							
Other information considered relevant								



Donk	First name and surname		NENAD T. PAVLOVIĆ						
Rank		Full professor							
Specialized scientific field		Mechatronics							
	emic career	Year	Institution		Specialized scient	ific field			
Electio	on to rank	2013	Faculty of Mec Engineering in		Mechatronics				
Doctor	ate	2003	Faculty of Mec Engineering in		Theory of Machin	es and Mechanisms			
	ter degree	1996	Faculty of Mec Engineering in		Precision Enginee	ring and Robotics			
	r's degree								
	eer's degree	1991	Faculty of Mec Engineering in	Niš	Precision Enginee				
	f dissertations-do or in the previous		projects in whi	ich the p	professor is currentl	y engaged or was enga	ged as a doct	oral	
No No	Dissertation-doc		oject title	Cand	idate's name	*submitted proposal	**defended		
			(8)	-	YP T	proposar			
*The s	 vear in which the t	roposal of	the dissertation	-doctors	al art project was sub-	 mitted (only for ongoing	dissertations		
						vas defended (only for o		· -	
	al art projects from				project	(Sim) 101			
						given study programn mological Developmer			
				0	n field (minimum 5 i				
	Pavlović N. T., Pav And Machine Theo					f Axial Link Translation	, Mechanism	M21	
2.	Petković,D., Issa,M rubber mechanical	., Pavlović,l properties, I	N.D., Pavlović,N. Expert Systems wi	T., Zentrith Applic	ner,L., <i>Adaptive neuro</i> - cations, Vol. 39, 2012, E	fuzzy estimation of condu Isevier, ISSN 0957-4174, 9	9477 – 9482.	M21	
						estimation of underaction		M21	
	Zakaria.R., Sheng.().Y., Expert.	Systems with Ap K., Shamshirband	.S Petko	s, voi. 40, 2015, Eisevi ović.D Pavlović.T.N	er, ISSN 0957-4174, 281-2 Adaptive neuro-fuzzy eval	luation of the		
4.	tapered plastic m	ultimode fi alcium hyp	ber based sens	or perfo	rmance with and wi	thout silver thin film 14, No. 10, October 2014.	for di <u>f</u> ferent	M21	
5.	Petković, D., Pavlo Energy Systems, Vo	vić,T.N., Ćo ol. 81 (2016), ISSN: 0142-06	15, 215 -	221.	ro-fuzzy strategy, Electric	0	M21	
6.	optimal lens system	parameters	, Optics and Laser	s in Engi	neering, Volume 55 (20	I., Adaptive neuro-fuzzy 14), Elsevier, ISSN 0143-8	166, 84 – 93.	M22	
7.	variables selection	and analyz	ing wind turbine	wake ef	<i>fect</i> , Natural Hazards,	ement method and ANFI DOI 10.1007/s11069-014 0840 (Online), 463 – 475.	-1189-1, Vol.	M22	
8.	Shamshirband, S., P based optimization	etković,D., <i>of lens syste</i>	Pavlovic,T.N., Clem, Applied Option	n,S., Alta cs Vol. 5	meem,T., Gani,A., <i>Sup</i> 4, No.1 (2015), ISSN: 1	port vector machine-firef 559-128X, 37 – 45.	fly algorithm-	M22	
9.	optical lens system Pleiades Publishing	n by adapt , ISSN: 003	ive neuro-fuzzy 0-400X (Print) 15	method 62-6911	ology , Optics and Specton (Online), 121 – 131.	lation transfer function of troscopy, Volume 117, N	No. 1, (2014),	M23	
10.		Artificial No	eural Network,			Prediction of Pellet 37, No. 4, (2017), Emera		M23	
	Pavlović, D.N., Petrović, T., Pavlović, T.N., Milošević, M., Jovanović, S., Đorđević, B., Jovanović, D., Mehanizam koji							M92	
11.	omogućava automo automated adjustmo	itizovano po ent of patien	ıt's leg position o	n a hosp		227U, Zavod za intelekt	ualnu svojinu		
11.	omogućava automo automated adjustmo Republike Srbije, G	atizovano po ent of patien dasnik intele lović, N.T.,	nt's leg position of ektualne svojine, i	on a hosp 31.10.20	11.	227U, Zavod za intelekti inski fakultet Univerziteta		-	
11.	omogućava automa automated adjustma Republike Srbije, G Pavlović, N.D., Pav	atizovano po ent of patien dasnik intele lović, N.T., 036-3.	nt's leg position of ektualne svojine, i Gipki mehanizm	on a hosp 31.10.202 i [Compl	11. iiant mechanisms], Maš			-	
11. 12.	omogućava automa automated adjustma Republike Srbije, C Pavlović, N.D., Pav ISBN 978-86-6055-	ntizovano po ent of patien dasnik intele lović, N.T., 036-3. e scientific	nt's leg position of ektualne svojine, Gipki mehanizm activity of the	i [Complete profess	11. iiant mechanisms], Maš			-	
11. 12. Cumu Total r	omogućava automo automated adjustmo Republike Srbije, O Pavlović, N.D., Pav ISBN 978-86-6055- llative data on the	ntizovano po ent of patien dasnik intele dović, N.T., 036-3. e scientific s, excludin	at's leg position of ektualne svojine, Gipki mehanizm activity of the g self-citations	i [Complete profess	11. iant mechanisms], Masor or 03 (source Scopus)			-	
11. 12. Cumu Total r	omogućava automa automated adjustna Republike Srbije, C Pavlović, N.D., Pav ISBN 978-86-6055- alative data on the number of citation	atizovano po ent of patier dasnik intele dović, N.T., 036-3. e scientific s, excludin on the SCI	at's leg position of ektualne svojine, Gipki mehanizm activity of the g self-citations	n a hosp 31.10.20 i [Compl profess 29	11. iant mechanisms], Mas or 03 (source Scopus)			-	
11. 12. Cumu Total I Currer Profes	omogućava automa automated adjustna Republike Srbije, G Pavlović, N.D., Pav ISBN 978-86-6055- dative data on the number of citation number of papers at participation in sional developmen	atizovano po ent of patien dasnik intele dović, N.T., 036-3. e scientific s, excludin on the SCI projects nt:	activity of the g self-citations (or SSCI) list	profess 29 12	11. iant mechanisms], Mas or 03 (source Scopus)	inski fakultet Univerziteta nternational: 2		-	

Manager of two projects within the Programme of Bilateral Scientific and Technological Cooperation between the Republic of Serbia and the Federal Republic of Germany for the period 2014–2015 and 2018–2019



First name and surname		LJILJANA D. PETKOVIĆ								
Rank		Full professor								
Specialized scientific field			Mathema	Mathematics and Computer Science						
	emic career	Year	Institution	<u> </u>						
	on to rank	1996	Faculty of Engineerin	Mechan				Computer Science		
Docto	rate	1985	Faculty of Mathemati	Science	s and	Numerical Ma	then	natics		
Magis	ster degree	1982	Faculty of Mathemati			Mathematics				
Maste	er's degree									
	elor's degree	1975	Faculty of – Mathema	atics Dep	partment	Mathematics				
	of dissertations-do or in the previous		projects in	which	the profes	ssor is curren	tly e	ngaged or was enga	iged as a doct	toral
№	Dissertation-doc	toral art pr	oject title		Candidate'	s name	1	*submitted proposal	**defended	
			10	2			A	12		
docto docto	ral art projects), ** ral art projects from gorization of the p	The year in the previublication	n which the ous period) of scientifi	dissert	ation-doctors within	oral art project	was	ted (only for ongoing s defended (only for o ven study programn ological Developmen	dissertations- ne in line witl	h the
	the additional star	ndard requ	uirements f	or the	given field	l (minimum 5	not	more than 20)		ince
1.			-					Wiley-VCH, Berlin 199		M11
2.	Amsterdam 2013.	//						ing nonlinear equatio		M11
3.	pp. 237-244.							e of a matrix, Computing	1	M22
4.	Mathematics and Co	omputation :	216 (2010), 6	671-676				imal order of converge	1 1	M21
5.	233 (2010) 1755-17	62						g methods, J. Comput.		M21
6.	polynomial roots, A	ppl. Math.	Letters 74 (20	017), 94	-101.			he simultaneous deter	3 /	M21a
7.	Appl. Math. Compu	t. 226 (2014	4), 635-660.		70			ng Nonlinear equation		M21a
8.	Mathematical Letter	rs, 28 (2014), 60-65.					r finding polynomial zo nd second kind, Num		M21
9.	(2018), 847-865.	1	(4) (A)					y of zero-finding meth		M21
10.	Comp. Math. 96 (2	2019), 692-7	707.	_	JL			er-Konig-like simultan		M22
11.	for finding polyn 10.1016./j.cam.2018	omial zero 3.05.008 IS	os, Journal SN 0377-042	of Co 27	omputational	l and Applied	l M	athematics 343 (201)	8), 481-487.	M21
12.	zeros, J. Comp. App	ol. Math. 35	1 (2019), 54	-65. ISS	SN 0377-04			ratio methods for fino 018.10.042	ding multiple	M21
	ulative data on the				1					
	number of citation		<u> </u>		-	– 473 (h-inde	x 11)		
Total number of papers on the SCI (or SSCI) list 48										
	ent participation in p				Domest	tic: 1	Inte	ernational: 0		
Unive	ssional developmer rsity of Freiburg (19 ba (Japan, 2003), Hu	984), Kiel ((1998, DAAI versity of Bei	O grant) rlin (200), Oldenbur 97), Harvard	g (2001, DAAL d (Boston, 2009)) gra	ant), Technical Univer	sity of Vienna	(2002),
	Tsukuba (Japan, 2003), Humboldt University of Berlin (2007), Harvard (Boston, 2009). Visiting professor at the University of Oldenburg in 1989 and invited speaker at 1 world universities. Author of over 100 papers, 3 monographs, 4 textbooks and 3 books. Highest accolade of the Faculty of Mechanical Engineering in 2010, Award of the Ministry of Science and Technological Development in 2005 for outstanding results in a project.							d 3 Award		

First name and surns	ame	MIROSLAV P. RADOVANOVIĆ				
Rank		Full professor				
Specialized scientific	field	Production Systems and Te	echnologies			
Academic career Year		Institution	Specialized scientific field			
Election to rank	2007	Faculty of Mechanical Engineering in Niš	Production Systems and Technologies			
Doctorate	1996	Faculty of Mechanical Engineering in Niš	Production Systems and Technologies			
Magister degree	1987	Faculty of Mechanical Engineering in Belgrade	Production Engineering and Computer Application			
Master's degree						
Engineer's degree	1977	Faculty of Mechanical Engineering in Niš	Production Engineering			

No	Dissertation-doctoral art project title	Candidate's name	*submitted proposal	**defended
1.	"Modeling of abrasive waterjet cutting process and development of technological processor"	Predrag Janković	145	24/09/2009
2.	"Mathematical modeling and optimization of laser cutting process using artificial intelligence methods"	Miloš Madić	100	06/11/2013
3.	"Research of temperature field in the cutting tool during the processing on a lathe dry with cooling cutting tools by system based on thermoelectric module"	Radovan Nikolić, MSc	1/~	31/03/2015

^{*}The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period)

1. Radovanović M., <i>Multi-objective optimization of multi-pass turning AISI 1064 steel</i> , International Journal of Advanced Manufacturing Technology, (2019), Vol. 100, No. 1-4, pp. 87-100	M22
Nikolić R., Lučić M., Nedić B., Radovanović M., Calculation of Temperature Fields During Lathe Machining with Thermoelectrical Cooling by Using the Finite Element Method, Thermal Science, (2019), Vol. 23, No. 3, pp. 1889-1899	M22
Janković P., Madić M., Petković D., Radovanović M., Analysis and Modeling of the Effects of Process Parameters on Specific Cutting Energy in Abrasive Water Jet Cutting, Thermal Science, (2018), Vol. 22, Suppl. 5, pp. S1459-S1470	M22
Gostimirović M., Radovanović M., Madić M., Rodić D., Kulundžić N., <i>Inverse electro-thermal analysis of the material removal mechanism in electrical discharge machining</i> , International Journal of Advanced Manufacturing Technology, (2018), Vol. 97, No. 5-8, pp. 1861-1871	M22
Gostimirović M., Pucovski V., Sekulić M., Radovanović M., Madić M., <i>Evolutionary multi-objective optimization of energy efficiency in electrical discharge machining</i> , Journal of Mechanical Science and Technology, (2018), Vol. 32, No. 10, pp. 4775-4785	M23
6. Madić M., Antucheviciene J., Radovanović M., Petković D., <i>Determination of laser cutting process conditions using the preference selection index method</i> , Optics and Laser Technology, (2017), Vol. 89, pp. 214-220	M21
Petković D., Madić M., Radovanović M., Janković P., Radenković G., <i>Modeling of Cutting Temperature in the Biomedical Stainless Steel Turning Process</i> , Thermal Science, (2016), Vol. 20, Suppl. 5, pp. S1345-S1354	M22
Madić M., Radovanović M., Nedić G., Marušić V., <i>Multi-Objective Optimization of Cut Quality Characteristics in CO2 Laser Cutting of Stainless Steel</i> , Tehnički Vjesnik-Technical Gazette, (2015), Vol. 22, No. 4, pp. 885-892	M23
Nikolić R., Radovanović M., Živković M., Nikolić A., Rakić D., Blagojević M., Modeling of Thermoelectric Module Operation in Inhomogeneous Transient Temperature Field Using Finite Element Method, Thermal Science, (2014), Vol. 18, Suppl. 1, pp. S239-S250	M22
Madić M., Radovanović M., Analysis of the heat affected zone in CO ₂ laser cutting of stainless steel, Thermal Science, 2013, 16 (suppl.2), pp. S363-S373	M22
Madić M., Radovanović M., <i>Modeling and analysis of correlations between cutting parameters and cutting force components in turning AISI 1043 steel using ANN</i> , Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2013, 35 (2), pp. 111-121	M23
Kovačević M., Madić M., Radovanović M., Software prototype for validation of machining optimization solutions obtained with meta-heuristic algorithms, Expert Systems with Applications, 2013, 40 (17), pp. 6985-6996	M21
Madić M., Marinković V., Radovanović M., Mathematical modeling and optimization of surface roughness in turning of polyamide based on artificial neural network, Mechanika, 2012, 18 (5), pp. 574-581	M22

14		Zoler C., <i>Morphological – functional aspects of electro-discharge</i> nal of Mechanical Engineering, 2009, 55 (2). pp. 95-103	M23
15	Radovanović M., <i>Some possibilities for determining</i> Mechanical Engineering, 2006, 52 (10), pp. 645-652	cutting data when using laser cutting, Strojniski Vestnik/ Journal of	M23
16	Радовановић М., Мадић М., <i>Планирање и ан</i> Универзитет у Нишу, Машински факултет, Ниш	ализа експеримената [Planning and analysis of experiments], , 2019	-
17		th П., Обрадивост материјала резањем абразивним воденим tet cutting], Универзитет у Крагујевцу, Факултет инжењерских	-
18		но и инжењерско одлучивање применом вишекритеријумске naking by applying the multicriteria analysis], Универзитет у ујевац, 2015	-
19	Радовановић М., <i>Технологија машиноградње, обрадо</i> у Нишу, Машински факултет, Ниш, 2002	а резањем [Machine building technology, cutting processes], Универзитет	-
20	Лазаревић Д., Радовановић М., <i>Неконвенцион processes, removal of materials</i>], Универзитет у Н	алне обраде, обрада материјала одношењем [Unconventional Іишу, Машински факултет, Ниш, 1994	-
Cum	ulative data on the scientific activity of the pr	rofessor	
Total	number of citations, excluding self-citations	800 (source Scopus)	
Total	number of papers on the SCI (or SSCI) list	25	
Curre	ent participation in projects	Domestic: 2 International: 1	
Profe	essional development	2 /2	
Othe	r information considered relevant	1 2	



First name and surname		LJILJANA N	M. RADOVIĆ	<u>4</u>			
Rank Specialized scientific field Academic coreer Veer		Full professor	ŗ				
		Mathematics	Mathematics and Computer Science				
Academic career Year		Institution		Specialized so	cientific field		
Election to rank	2017	Faculty of Mec Engineering in		Mathematics a	and Computer Science		
Doctorate	2004	Faculty of Scie Mathematics in Mathematics D	n Niš –	Geometry			
Magister degree	2000	Faculty of Philo - Mathematics		Geometry			
Master's degree							
Bachelor's degree	1993	Faculty of Philo – Mathematics		Mathematics			
List of dissertations- advisor in the previo			ich the profes	sor is current	ly engaged or was en	gaged as a doct	oral
№ Dissertation-c		(5)	Candidate's	s name	*submitted proposal	**defended	
	10	-			- / Al		
Categorization of the classification of the cwith the additional s	orrespondi tandard rec	ng Ministry of I Juirements for t	Education, Sc the given field	ience and Tecl	hnological Developm not more than 20)	nent, in accorda	
1. Lj. Radovic, P. O Ramification, 25		olan, R. Sazdanovi	c, Plaited polyl	nedra: A knot th	eory point of view, J. F	Knot Theory and	M23
2. J. Kappraff J., L. 25(9) (2016).	j. Radovic, S				zes, J. Knot Theory and	d Ramifications,	M23
		arkovic, <i>Symmetry</i>				774	M22
		er Knots and Link				-1-1	M22
	ups for Ach	ieving the Hoveri			ic, J. Djuric, <i>Proportio</i> ructures, Tehnički ves		M23
5. S. Jablan, Lj. Ra applications, 64 (adovic, R. Sa 4) (2012),	zdanovic, A. Zeko			osaics, Computers & M	V	M21
		L.M. Radovic, R. Families, Journal of			e Tutte, Kauffman Bra s. 22.(4).(2013).	icket and Jones	M23
	Hoberg, S. Jal	olan, L. Johnson, l			Theory of Pseudoknots,	Journal of knot	M23
8. Lj. Radovic, S. (2013), 181-186.	Jablan, <i>Miri</i>	or-curve Codes f	or Knots and I	Links, Publication	ons de l'Institut Mathén	natique, 94(108)	M23
9. L.H. Kauffman, <i>Polynomials of V</i>	irtual Link l	<i>Families</i> , Journal o	of Knot theory a	nd Ramifications			M23
		danovic, <i>Nonpland</i> 9 (1) (2011), 2250-		ed from Gauss c	odes of virtual knots ar	nd links, Journal	M21a
Cumulative data on	the scient <mark>if</mark> i	c activity of the					
Total number of citati							
Total number of paper	rs on the SC	I (or SSCI) list	19	3			
Current participation i	1 0		Domest	ic: 2	International: 0		
Professional developm							
Other information cor	isidered rele	vant					

First	name and surna	ne	PREDRAG M	. RAJKOVI	<u>Ć</u>				
Rank Specialized scientific field		Full professor							
		Mathematics ar	nd Computer	Science					
Academic career Year		Institution		Specialized	l scie	ntific field			
Election to rank 2009		Faculty of Mech Engineering in N		Mathematic	es and	Computer Science			
Doctorate 1998		Faculty of Philos – Mathematics D		Numerical	Analy	vsis			
Magis	ster degree	1991	Faculty of Philos – Mathematics D		Numerical	Analy	vsis		
Maste	er's degree								
Bache	elor's degree	1983	Faculty of Philos – Mathematics D		Mathematic	es			
	of dissertations-de or in the previou		projects in whic	h the profes	sor is curre	ntly	engaged or was enga	ged as a doct	oral
№	Dissertation-do		roject title	Candidate's	s name	1	*submitted proposal	**defended	
		// ^	CR.			<	12		
docto docto	ral art projects), * ral art projects fro	*The year i m the prev	n which the disse ious period)	rtation-docto	oral art proje	ct wa	tted (only for ongoing s defended (only for o	dissertations-	
classi		rrespondii	ng Ministry of E	ducation, Sci	ience and T	echn	ven study programn ological Developmer t more than 20)		
1.							thogonal Polynomials I Mathematics 38:10 (201		M22
2.	Predrag M. Rajkov	on of two vo					transform induced by Vol. 21, Issue 3 (2018)		M21
3.	Predrag M. Rajko	vić, Franz					ials Associated With Acces (2016) Vol. 39, pp		M22
4.	Predrag M. Rajkov Laguerre type, File	omat 29:5 (2	015), 1053–1062 (1	M21) ISSN 03	54-5180 DOI	10.22	polynomials with vary 298/FIL1505053R	7 //	M22
5.	determinants, Line	ear algebra a	nd applications 437	(10)(2012), 2	2417–2428 IS	SN 00			M22
6.							ermed exponential fund and Computation 218		M21
7.	integrals, Acta Ma	thematica S	inica, English versi	on, Vol. 25, No	o. 10 (2009),	1635-	ntion of the concept of 1646., ISSN 1439-8516	j .	M22
8.	Difference Equation	ns and Appl	ications, Vol. 13, N	To. 7 (2007), 6	521–638.		-Holonomic Functions		M21a
9.	Catalan Numbers,	Integral Tra	ansforms and Specia	al Functions, V	ol. 18, Issue	4, 200			M22
10.	Predrag M. Rajko Solving Systems of	ović , Slađa f Equations ,	na D. Marinković Applied Mathema	and Miomir tics and Comp	S. Stanković,	On	q-Newton-Kantorovich 2 (2005) 1432-1448 .	Method for	M22
	ulative data on th								
	number of citation			`	irce Scopus))			
	number of papers		(or SSCI) list	32					
Curre	nt participation in	projects		Domesti	ic: 1	Int	ernational: 1		
1. Era 2. For	ssional developme smus Plus project (S eign examiner for d AD-scholarship, Un	Sweden-2019 octoral disse	ertation, Ireland (20	011, 2017),					
Other	information cons	idered relev	ant						

First name and surname		SAŠA S. RANĐELOVIĆ							
Rank Specialized scientific field		Full professor							
		Production Sys	Production Systems and Technologies						
Academic career Year		Institution		Specialize	ed scien	tific field			
Electi	on to rank	2018	Faculty of Mech Engineering in N		Production	n Syster	ms and Technologies		
Docto	rate	2006	Faculty of Mech Engineering in N		Production	n Syster	ms and Technologies		
Magis	ster degree	1998	Faculty of Mech Engineering in N		Production	n Syster	ns and Technologies		
Maste	er's degree								
	eer's degree	1992	Faculty of Mech Engineering in N	liš	Production				
	of dissertations-do or in the previous		projects in which	ch the profe	ssor is cur	rently	engaged or was eng	gaged as a doct	oral
No	Dissertation-do	ctoral art p	roject title	Candidate	's name	1	*submitted proposal	**defended	
			130				1		
docto docto Cates classi	ral art projects), ** ral art projects from gorization of the p fication of the con	The year in the previous the pr	n which the disse ious period) n of scientific pan ng Ministry of E	ertation-doct pers within ducation, S	the field o	ject wa f the gi Techn	itted (only for ongoin ns defended (only for iven study program nological Developme	dissertations- me in line with	ı the
	the additional sta Živanović, S., Ta			9	•		ot more than 20) ulptural Shapes Acc	ording to the	M51
1. 2.	Sample, Advanced Ranđelović S., M	Technologi Iarinković	es and Materials, V V.: <i>Proizvodne</i>	ol. 44, No. 1 tehnologije	, 2019, pp. 2 [Production	7-32, techn	ologies], ISBN 978-		M51
۷.	(COBISS.SR-ID 25						Et al. (ada.) Diamatani	iala in Clinical	_
3.		in Clinical	bility of Biomaterials (chapter), Springer, Zivic F. Et al. (eds.) Biomaterials in Clinical Research and Medical Devices, Springer International Publishing AG 2018, pp. 633-658,					M14	
4.		ion process	, The International	Journal Ad			for the texture deforming engineering, pp.359		M22
5.	industry, FACTA I	JNIVERSIT	TATIS, Series: Med	chanical Engi	neering Vol.	15, No	rith wall ironing in m .1 pp. 107-117, 2017.	9/	M51
6.	surface methodolo	gy and fuz	zy logic based sys	tem for dete	rmining the	metal	Ranđelović, <i>Applicatio</i> cutting temperature, DOI:10.1515/bpasts-2	Bulletin of the	M23
7.		Influence of	of Extrusion Ratio	on Contact	Stresses and	l Die E	niški vestnik - Journal <i>lastic Deformations in</i> l		M23
8.		ruding steel					et of die angle on tool SN: 1580-2949, UDK6		M23
9.		sticity, In	ternational journa	al for scie	nce, techn	ics an	atal and numerical de d innovations for 5		M51
10.		utinović M	, Nikolić S, Kačm	arčik I, <i>Risk</i>	assessmen		ection molding proce	ss, Journal for	M51
11.	analysis, Strojarstv	o, pp. 43-50), vol. 52, No1, 201	0, ISSN 0562	2-1887		ion on the basis of FE		M23
12.	Journal for technological	ogy of plasti	icity 2009, ISSN 03	354-3870, pp		alumin	ium alloy by nonline	ar FEM code,	M51
	ulative data on th			·					
	number of citation				irce Scopus	5)			
	number of papers		(or SSCI) list	7	· · · · · · · · ·	1.	4		
	ent participation in			Domes	suc: 2	In	ternational: 0		
WUS.	ssional developme foundation grant be rsity of Graz.		November 2009 a	t the Technic	al Universit	y of Vie	enna, May and Octobe	r 2010 at the Te	echnica



First name and surname		<u>DUŠAN S. STAMENKOVIĆ</u>			
Rank		Full professor			
Specialized scientific	field	Traffic Engineering			
Academic career Year		Institution	Specialized scientific field		
Election to rank	2011	Faculty of Mechanical Engineering in Niš	Traffic Engineering		
Doctorate	2000	Faculty of Mechanical Engineering in Niš	Mechanical Design		
Magister degree	1993	Faculty of Mechanical Engineering in Niš	Precision Engineering		
Master's degree					
Engineer's degree	1980	Faculty of Mechanical Engineering in Niš	Production Engineering		

No	Dissertation-doctoral art project title	Candidate's name	*submitted proposal	**defended
1.	"A methodological approach to the development of rubber-metal springs"	Milan Banić	1	21/07/2015

^{*}The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period)

******	the additional standard requirements for the given near (minimum e not more than 20)	
1.	Stamenković, D., Banić, M., Nikolić, M., Mijajlović, M., Milošević, M., <i>Methods and Principles of Determining the Footwear and Floor Tribological Characteristics</i> , Tribology in Industry, Vol. 39, No. 3 (2017) 340-348.	M24
2.	Milošević, M., Banić, M., Stamenković, D., Pavlović, V., Tomić, M., Miltenović, A., <i>Distribution of Generated Friction Heat at Wheel-rail Contact During Wheel Slipping Acceleration</i> , Thermal Science, ISSN: 0354-9836, Vol. 20, Suppl. 5, 2016, pp. 1561-1561.	M22
3.	A.Miltenović, M.Banić, D.Stamenković, M.Milošević, M.Tomić, J.Buha: <i>Determination of friction heat generation in wheel-rail contact using FEM</i> , Facta Universitatis, Volume 13, No. 2, 2015. ISSN 0354-2025, p.p. 99-108.	M24
4.	D.Stamenković, M.Nikolić, Lj.Vasin, M.Banić, A.Miltenović: <i>Research on tribology phenomena in every day life</i> , 14th International Conference on Tribology – SERBIATRIB 2015, pp. 535 - 542, Beograd 2015.	M33
5.	D. Stamenković: <i>Science in Safety, The bearing tribology has on slips, trips and falls</i> , Health&Safety International, February/March 2014. ISSN 1478-8829, p.p. 59-65	-
6.	D. Stamenković, M. Nikolić, M. Milošević, M. Banić, A. Miltenović, M. Mijajlović: <i>Tribological aspect of rubber based parts used in engineering</i> , TRIBOLOGY IN INDUSTRY, Volume 36, No. 1, 2014, p.p. 9-16	M24
7.	M. Milosevic, D. Stamenkovic, A. Milojevic, M. Tomic: <i>Modeling Thermal Effects in Braking Systems of Railway Vehicles</i> , Thermal Science 2012, vol. 16, Society of Thermal Engineers of Serbia, 2012. ISBN 0354-9836	M23
8.	M. Banić, D. Stamenković, V. Miltenović, M. Milošević, M. Rackov: <i>Prediction of Heat Generation in Rubber or Rubber-Metal Springs</i> , Thermal Science 2012, vol. 16, Society of Thermal Engineers of Serbia, 2012.	M22
9.	D.Stamenković, M. Milošević, M. Mijajlović, M. Banić: <i>Recommendations for the estimation of the strength of the railway wheel set press fit joint</i> , Proceedings of the Institution of Mechanical Engineers, Part F, Journal of Rail and Rapid Transit, Volume 226, Issue 1, 2012. ISSN 0954-4097.	M23
10.	D.Stamenković, M. Milošević, M. Mijajlović, M. Banić: <i>Estimation of the static friction coefficient for press fit joints</i> ; Journal of the Balkan Tribological Association, No.3, 2011. ISSN 1310-4772	M23
11.	Stamenković D: <i>Održavanje železničkih vozila [Maintenance of Railway Vehicles]</i> , udžbenik, ISBN 978-86-6055-013-4, Mašinski fakultet Niš, 2011.	
12.	M. Mijajlović, D. Milčić, D. Stemenković, A. Živković: <i>Mathematical Model for Generated Heat Estimation During Plunging Phase of the FSW Process</i> , TRANSACTIONS OF FAMENA, Faculty of mechanical engineering and naval architecture Zagreb, Croatia, (Volume 35, No.1, 2011). ISSN 1333-1124	M23
13.	D.Stamenković, M.Milošević, S.Jovanović, M.Banić, D.Jovanović: <i>Experimental investigation of railway vehicles dynamic characteristics</i> , The International Conference Mechanical Engineering in XXI Century, Niš 2010.	M33
14.	M. Đurđanović, M. Mijajlović, D. Milčić, D. Stamenković: <i>Heat Generation During Friction Stir Welding Process</i> , TRIBOLOGY IN INDUSTRY, Volume 31, No. 1&2, 2009. ISSN 0354-8996, p.p. 36-42.	M24
15.	M.Milošević, D.Stamenković, A.Milošević: <i>Research of absorbed energy of rail vehicle buffers filled with rubber-metal springs</i> , 18th International Conference "CURRENT PROBLEMS IN RAIL VEHICLES – PRORAIL 2007" p.p.81-88, Žilina, Slovakia, 2007.	M33
16.	Stamenković D, Đurđanović M: <i>Tribologija presovanih spojeva</i> , <i>monografija [Tribology of pressed joints, a monograph]</i> , monografija, ISBN 86-80587-48-6, Mašinski fakultet Niš, 2005.	

Cumulative data on the scientific activity of the professor							
Total number of citations, excluding self-citations	(s)						
Total number of papers on the SCI (or SSCI) list	16						
Current participation in projects	Domestic: 2	International: 1					
Professional development							
Other information considered relevant							



First name and surname		GORDANA M	. STEFAN	<u>IOVIĆ</u>				
Rank Specialized scientific field		Full professor						
Specialized scientific field Academic career Year		Thermal Engine	ering, The	rmoenergetics and I	Process Engineering			
Academic career Year		Institution		Specialized scienti	fic field			
Election to rank 2018		Faculty of Mecha: Engineering in Ni		Thermal Engineering Engineering	ng, Thermoenergetics a	and Process		
Docto	rate	2007	Faculty of Mecha Engineering in Ni		Process Engineerin	g		
Magis	ter degree	1995	Faculty of Mecha Engineering in Ni		Theoretical and Ap	plied Processes in Hea	t and Mass Trai	nsfer
	r's degree							
	eer's degree	1984	Faculty of Techno Metallurgy in Bel	grade	Environmental Prot			
	of dissertations-do or in the previous		projects in which	h the profe	essor is currently e	ngaged or was enga	iged as a doct	toral
auvis	1		1 9	75	(F.	*submitted		
No	Dissertation-doc		0816	Candidat	e's name	proposal	**defended	
1.	"Development of sustainability of scenarios using	waste mar		Biljana M	Ailutinović	130	22/08/2016	
docto		The year i	in which the disser			ted (only for ongoing defended (only for o		3-
classi	fication of the co	respondir	ng Ministry of Ed	lucation, S	cience and Techno	ven study programm logical Developmen		
with i	6 PF/In				d (minimum 5 not			I
1.						l assessment of waste lysis, Energy, vol.137,		M21
2.	Milica P., <i>The org</i> biogas yield, Therm	<i>anic waste</i> nal Science,	fractions ratio opti vol 22, 2018, pp. S1	mization in 1525 - S153	the anaerobic co-di 4.	V., Milutinovic Biljan: gestion process for th	e increase of	M22
3.	Hierarchy Process	and the An	alysis and Synthesi	s of Parame	eters under Informati	in, A comparison of on Deficiency method ol. 130, 2016,pp. 155-	for assessing	M21a
4.						atical model for evalu V.20, S.5, 2016, pp. S		M23
5.						cision Making of Alte 6, vol 20, suppl. 5, pp.		M23
6.		ste manager				lov, <i>Sustainability as</i> aste Management ℜ		M23
7.						logic for evaluation o y, 2016, V.18, Iss. 6, p		M22
9.	sustainability asses	sment of a	waste management	model, Ener	rgy 2014, vol. 74, pp.			M21
10.	analysis and exerg	goeconomic		uation of the		, Edib M. Dedeić, Adv n existing industrial p		M21
11.	Model - Case Stud	ly: Novi Paz	gar, Journal of Envir	onmental Pr	rotection and Ecology	5, Sustainable Waste 2014, vol. 15, No 3, 10	005–1012.	M23
Milaylšić H. Vyjenović M. Eidersch D. Drieschings D. Minić I. Totschla D. Drié N. Stofenović G. The application of				M21a				
13.	time evolution fund	ction derive	d from two-zonal ap	pproach, Th		stion modelling by us vol 16 (2), pp. 561-572		M22
			c activity of the p					
	number of citation	•		,	ource Scopus)			
	number of papers		(or SSCI) list	18				
	nt participation in			Domes	stic: 1 Inte	ernational: 2		
Protes	ssional developme	nt						

- Hazardous Wastes Management Expert, UNESCO-IHE Institute for Water Education, Delft, Netherlands, 2009.
- Expert of European knowledge, How to Negotiate and Administer Framework 7 Grant Agreements, Tempus project, University of Debrecen and University of Novi Sad, 2008.

Other information considered relevant



First name and surname		<u>VELIMIR P. STEFANOVIĆ</u>			
Rank		Full professor			
Specialized scientific	field	Thermal Engineering, Tl	hermoenergetics and Process Engineering		
Academic career Year		Institution	Specialized scientific field		
Election to rank	2011	Faculty of Mechanical Engineering in Niš	Thermal Engineering, Thermoenergetics and Process Engineering		
Doctorate	2000	Faculty of Mechanical Engineering in Niš	Thermal Engineering, Thermoenergetics and Process Engineering		
Magister degree	1992	Faculty of Mechanical Engineering in Niš	Thermal Engineering, Thermoenergetics and Process Engineering		
Master's degree					
Engineer's degree	1986	Faculty of Mechanical Engineering in Niš	Thermal Engineering, Thermoenergetics and Process Engineering		

No	Dissertation-doctoral art project title	Candidate's name	*submitted proposal	**defended	
1.	"Experimental and numerical investigation of thermal-hydraulic processes in spirally coiled corrugated tubes of heat absorber exposed to concentrated radiant energy"	Milan Đorđević	(PA)	23/11/2016	
2.	"Research of optimal parameters of solar parabolic concentrating heat collectors from the aspect of application in polygenerating systems"	Saša Pavlović	1 \	03/03/2017	
4.	"Experimental and computational investigation of heat and mass transfer in stoves of absorption heat pumps during biomass combustion"	Marko Ilić	07/03/2016		

^{*}The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period)

1.	Stefanović V. <i>Grejanje, toplifikacija i snabdevanje gasom [Heating, district heating and gas supply]</i> , Mašinski fakultet u Nišu, ISBN978-86-6055-001-1 2011.	-	
2.	Stefanović V, Laković M., <i>Mehaničke i hidromehaničke operacije [Mechanical and hydromechanical operations]</i> , ISBN 978-86-6055-117-9Unigraf – X COPY, Nis, 2019.		
3.	V.Stefanovic., S. Pavlović., N.Apostolović, I.Nikolić, Z.Djordjević, D. Ćatić, <i>A Prototype of Solar Receiver for Middle Temperature Conversion of Solar Radiation to Heat</i> , Proceedings of the Institution of Mechanical Engineers, Part A, Journal of Power and Energy [PIA], 225, 8, DOI: 10.1177/0957650911416566 (2011).	M23	
4.	Pavlovic S, Ahmed M. Daabo, Evangelos Bellos, Velimir Stefanovic, SaadMahmoud, Raya K. Al- Dadah., <i>Experimental And Numerical Investigation on the Optical and Thermal Performance of Solar Parabolic Dish and Helical Conical Cavity Receiver</i> , Journal of Cleaner Production, Vol. 150, pp. 75-92., ISSN 0959-6526, (2017).	M21a	
5.	Evangelos Bellos, Sasa Pavlovic, Velimir Stefanovic, Christos Tzivanidis, Branka B. Nakomcic-Smaradgakis, <i>Parametric Analysis and Yearly Performance of a Trigeneration System Driven by Solar-Dish Collectors</i> , International Journal of Energy Research, doi. org/10.1002/er.4380, (2019).	M23	
6.	Saša R. Pavlović, Evangelos A. Bellos, Velimir P. Stefanović, Christos Tzivanidis, Zoran Stamenković, Design, <i>Simulation and Optimization of A Solar Dish Collector With Spiral-Coil Thermal Absorber</i> , Thermal Science, Year 2016, Vol.20.,No. 4. pp. 1387-1397, Serbia, Original scientific paper: ISSN 2334-7163 (online edition), ISSN 0354-9836 (printed edition).	M23	
7.	Saša R. Pavlović, Evangelos Bellos, Willem G. Le Roux, Velimir P. Stefanović, Christos Tzivanidis, <i>Experimental Investigation and Parametric Analysis of a Solar Thermal Dish Collector with Spiral Absorber</i> , Applied Thermal Engineering, Vol. 121, pp. 126-135, Serbia, Original scientific paper, ISSN 1359-4311(2017).	M22	
8.	Sasa R. PAVLOVIC, Evangelos BELLOS, Velimir P. STEFANOVC, Milan M. DJORDJEVIC, Darko M. VASILJEVIC, <i>Thermal and Exergetic Investigation of a Solar Dish Collector Operating with Mono and Hybrid Nanofluids</i> , Thermal Science, Vol. 22, Suppl.5., pp. S1383-S1393, (2018).	M22a	
9.	V. Stefanović, S. Pavlović, E. Bellos, C. Tzivanidis, <i>A Detailed Parametric Analysis of a Solar Dish Collector</i> , Sustainable Energy Technologies and Assessments, Elsevier, 25, pp. 99 - 110, 10.1016/j.seta.2017.12.005, (2017).	M23	

10.	Saša R. Pavlović, Velimir P. Stefanović, Suad H. Suljković, <i>Optical Modeling of a Solar Dish Thermal Concentrator Based on Square Flat Facets</i> , Thermal Science, Vol. 18, No. 3, pp. 989-998, Original scientific paper, ISSN 0354-9836 (printed edition), (2014).					
11.	Evangelos Bellos, Christos Tzivanidis, Sasa Pavlovic, Velimir Stefanovic, <i>Thermodynamic investigation of LiCl-H2O working pair in a double effect absorption chiller driven by parabolic trough collectors</i> , Thermal Science and Engineering Progress, Volume 3, September 2017, Pages 75-87, https://doi.org/10.1016/j.tsep.2017.06.005					
Cumulative data on the scientific activity of the professor						
Total	I number of citations, excluding self-citations	94 (source Scopus)				
Total	I number of papers on the SCI (or SSCI) list	17				
Curre	ent participation in projects	Domestic: 2	International: 0			
Profe	Professional development					
Othe	Other information considered relevant					



First	name and surna	me	BRANISLAV V	V. STOJA	<u>NOVIĆ</u>				
Rank			Full professor	Full professor					
Specialized scientific field			Thermal Engineering, Thermoenergetics and Process Engineering						
Academic career Year		Institution		Specialized scienti	ific field				
Election to rank 2014		2014	Faculty of Mechanical Engineering in Niš		Thermal Engineering, Thermoenergetics and Process Engineering				
Doctorate 199		1998	Faculty of Mechanical Engineering in Niš		Thermal Engineering, Thermoenergetics and Process Engineering				
Magister degree 19		1992	Faculty of Mechanical Engineering in Niš		Thermal Engineering, Thermoenergetics and Process Engineering				
Maste	er's degree								
Engineer's degree 1977			Faculty of Mechanical Energy Engineering Engineering in Niš						
				h the prof	essor is currently e	ngaged or was eng	aged as a doct	toral	
№	advisor in the previous 10 years № Dissertation-doctoral art project title		roject title Candidate		e's name *submitted proposal		**defended		
			(8)6	NA.	1	proposas			
*The	year in which the	proposal o	of the dissertation-c	loctoral art	project was submit	ted (only for ongoin	g dissertations	;_	
docto	ral art projects), *	*The year	in which the disser			s defended (only for			
	ral art projects fro	4 17		1		11 21			
classi	fication of the co the additional sta	rrespondi andard rec	ng Ministry of Ed quirements for the	ucation, S e given fie	Science and Technold (minimum 5 not		nt, in accorda		
1.	B. Stojanović, J. Janevski, M. Stojiljković, <i>Experimental investigation of thermal conductivity coefficient and heat exchange between fluidized bed and inclined exchange surface</i> , Brazilian Journal of Chemical Engineering, vol. 26, no. 02, pp.343-352, April-June 2009.					M22			
2.	Bojan V. ANĐELKOVIĆ, Branislav V. STOJANOVIĆ, Mladen M. STOJILJKOVIĆ, Jelena N. JANEVSKI, Milica B. STOJANOVIĆ, <i>Thermal Mass Impact on Energy Performance of a low, medium and heavy Mass Building in Belgrade</i> , Thermal Science, Year 2012, Vol. 16, Suppl. 2, pp. S447-S459, DOI:10.2298/TSCI120409182A, ISSN0354-9836, UDC:621.					M21a			
3.	Marko G. IGNJATOVIĆ, Bratislav D. BLAGOJEVIĆ, Branislav V. STOJANOVIĆ, Mladen M. STOJILJKOVIĆ, Influence of Glazing Types and Ventilation Principles in double Skin Façades on Delivered Heating and Cooling Energy during Heating Season in an Office Building, Thermal Science, Year 2012, Vol. 16, Suppl. 2, pp. S461-S469, DOI:10.2298/TSCI120427183I, ISSN0354-9836, UDC:621					M24			
4.	Branislav V. Stojanović, Jelena N. Janevski, Petar B. Mitković, Milica B. Stojanović, Marko G. Ignjatović, <i>Thermally activated building systems in context of increasing building energy efficiency</i> , Thermal Science, Vinča Institute of Nuclear Sciences, Belgrade, 18, 3, pp. 1011-1018, 2334-7163 (online edit.), 621, DOI: 10.2298/TSCI1403011S, 2014.					M22			
5.	Јелена Јаневски, Бранислав Стојановић, Младен Стојиљковић, Vukić Mića, EXPERIMENTAL RESEARCH OF THE INFLUENCE OF PARTICLE SIZE AND FLUIDIZATION VELOCITY ON ZEOLITE DRYING IN A TWOCOMPONENT FLUIDIZED BED, од стр. S103, до стр. S111, UDC: , DOI: 10.2298/TSC1160128058J Thermal Science, 2016, Vinča Institute of Nuclear Sciences, Belgrade, Suppl. 1, 20, ISSN 23347163 (online edition), ISSN 03549836 (printed edition).					M23			
6.	Dejan M. Mitrović, Marko G. Ignjatović, Branislav V. Stojanović, Jelena N. Janevski, Mirko M. Stojiljković, <i>COMPARATIVE EXERGETIC PERFORMANCE ANALYSIS FOR CERTAIN THERMAL POWER PLANTS IN SERBIA</i> , Thermal Science, Vinča Institute of Nuclear Sciences, Belgrade, 20, Suppl. 5, pp. S1259 - S1269, ISSN 2334-7163 (online edition), ISSN 0354-9836 (printed edition), 10.2298/TSCI16S5259M, 2016.					M23			
7.	Branislav Stojanović, Jelena Janevski, Mladen Stojiljković, Dejan Mitrović <i>CHARACTERISTICS OF COMBUSTION CHAMBER FOR COMBUSTION OF PELLETS AND WOODCHIPS</i> , 15th Symposium on Thermal Science and Engineering of Serbia, Sokobanja, Serbia, October 18–21, 2011, pp. 479-489, ISBN 978-86-6055-018-9, University of Niš, Faculty of Mechanical Engineering Niš.					M23			
8.	Јелена Јаневски, Бранислав Стојановић, Мирјана Лаковић, Mirko M. Stojiljković, Дејан Митровић, <i>Wood biomass in Serbia – Resources and possibilities of use</i> , Energy Sources Part B Economics Planning and Policy, Taylor & Francis, 11, 8, pp. 732 - 738, Print ISSN: 1556-7249 Online ISSN: 1556-7257, DOI: 10.1080/15567249.2013.791897, 2016.					M21a			
9.	B. Stojanović, J. Janevski, <i>Obnovljivi izvori energije - solarna energija [Renewable energy sources - solar energy]</i> , 2014, Mašinski fakultet u Nišu (univerzitetski udžbenik)					M23			
10.	B. Stojanović, J. Janevski, D. Mitrović, <i>Obnovljivi izvori energije - energija iz okoline i geotermalna energija [Renewable energy sources - ambient power and geothermal energy]</i> , 2019, Mašinski fakultet u Nišu (univerzitetski udžbenik)					M21a			
Cum	ulative data on tl	ne scientifi	c activity of the p	rofessor					
- I	number of citatio	ns. excludi	ng self-citations	25 het	erocitations (source	(Coopus)			
Total		110, 0110100	ng sen enamons		ciocitations (source	(Scopus)			

Current participation in projects	Domestic: 1	International: 0	
Professional development.			
Other information considered relevant			



First name and surname		MLADEN M. STOJILJKOVIĆ			
Rank		Full professor			
Specialized scientific	field	Thermal Engineering, The	ermoenergetics and Process Engineering		
Academic career	Year	Institution	Institution Specialized scientific field		
Election to rank	2006	Faculty of Mechanical Engineering in Niš	Thermal Engineering, Thermoenergetics and Process Engineering		
Doctorate	1994	Faculty of Mechanical Engineering in Niš	Thermal Engineering, Thermoenergetics and Process Engineering		
Magister degree	1982	Faculty of Mechanical Engineering in Belgrade	Faculty of Mechanical Process Engineering		
Master's degree					
Engineer's degree	1975	Faculty of Mechanical Engineering in Niš	Design		

List of dissertations-doctoral art projects in which the professor is currently engaged or was engaged as a doctoral advisor in the previous 10 years

No	Dissertation-doctoral art project title	Candidate's name	*submitted proposal	**defended
1.	"Drying of fine grained material in two component fluidized bed"	Jelena Janevski	1	13/07/2009
2.	"Energy efficiency of the steam block with recirculating and once-through cooling subject to atmospheric air condition"	Mirjana Laković	1631	08/10/2010
3.	"Analysis and assessment of sustainable energy system of building stock"	Biljana Vučićević, MSc		28/02/2014

^{*}The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period)

Categorization of the publication of scientific papers within the field of the given study programme in line with the classification of the corresponding Ministry of Education, Science and Technological Development, in accordance with the additional standard requirements for the given field (minimum 5 not more than 20)

1.	Mladen Stojiljković, <i>Prenos toplote u fluidizovanom sloju [Heat transfer in a fluidized bed]</i> , Mašinski fakultet Univerzitet u Nišu, Unigraf X-Copy, ISBN 978-86-6055-117-9, Niš, 2019.	
2.	Vučićević B., Stojiljković M., Afgan N., Turanjanin V., Jovanović M., Bakić V., Sustainability assessment of residential buildings by non-linear normalization procedure, Energy and Buildings, (2013), vol. 58 br., str. 348-354.	M21
3.	M. Lakovic, D. Mitrovic, V. Stefanovic, M. Stojiljkovic, <i>Coal-fired Power Plant Power Output Variation Due to Local Weather Conditions</i> , Energy Sources, Part A-Recovery, Utilization and Environmental Effects, Volume 34, Iss. 23, 2012, pp. 2164-2177.	M22
4.	M. M. Stojiljković, M. M. Stojiljković, B. Blagojević, <i>Multi-Objective Combinatorial Optimization of Trigeneration Plants Based on Metaheuristics</i> , ENERGIES, 2014, Vol. 7, br. 12, str. 8554-8581; doi:10.3390/en7128554.	M22
5.	M. Tomić, P. Živković, M. Vukić, G. Ilić, M. Stojiljković, <i>Numerical Study of Perforated Plate Convective Heat Transfer</i> , Thermal Science: Year 2014, Vol. 18, No. 3, pp. 949-956, DOI: 10.2298/TSCI1403949T, ISSN 0354-9836, UDC:621.	M22
6.	M. M. STOJILJKOVĆ, M. M. STOJILJKOVIĆ, M. IGNJATOVIĆ, G. VUČKOVIĆ, <i>Cost-optimal energy retrofit for Serbian residential buildings connected to district heating systems</i> , Thermal Science, Year 2018, Vol. 22, Suppl. 5, pp. S1511-S1520.	M22
7.	Mirko M. Stojiljković, Mladen M. Stojiljković, Bratislav D. Blagojević, <i>Mathematical Modeling and Optimization of Tri-Generation Systems with Reciprocating Engines</i> , Thermal Science: Year 2010, Vol. 14, No. 2, pp. 541-553.	M23
8.	Stojiljković M., Stojiljković M., Blagojević B., Vučković G., Ignjatović M., <i>Effects of Implementation of Cogeneration in the District Heating System of the Faculty of Mechanical Engineering in Nis</i> (2010) Thermal Science, Vol. 14, Suppl., pp. S41-S51.	M23
9.	B. Anđelković, B.Stojanović, M. Stojiljković, J. Janevski, M. Stojanović, <i>Thermal Mass Impact on Energy Performance of a Low, Medium, and Heavy Mass Building in Belgrade</i> , Thermal Science, Year 2012, Vol. 16, Suppl. 2, pp. S447-S459.	M23
10.	M. Ignjatović, B. Blagojević, B. Stojanović, M. Stojiljković, <i>Influence of Glazing Types and Ventilation Principles in Double Skin Facades on Delivered Heating and Cooling Energy During Heating Season in an Office Building</i> , Thermal Science, Year 2012, Vol. 16, Suppl. 2, pp. S461-S469, DOI:10.2298/TSCI120427183I, ISSN0354-9836.	M23
11.	Janevski J., Stojanoviuć B., Stojiljković M., Vukić M., Experimental Research of the Influence of Particle Size and Fluidization Velocity on Zeolite Drying in a Two-Component Fluidized Bed, Thermal Science, Vinča Institute of Nuclear Sciences, Belgrade,, vol. 20, pp.S103-S111, ISSN: 2334-7163, DOI: 10.2298/TSCI160128058J, 2016.	M23
12.	Vučković G., Stojiljković M., Vasiljević G., <i>Exergoeconomics evaluation of real processes for coffee roasting</i> , Thermal Science, Vol. 20, Suppl. 5, pp. S1271-S1283, 2016.	M23

13.		M., Todorović M., Spasić-Đorđević S., <i>Green Living Roof Implementation perties</i> , Thermal Science, Year 2016, Vol. 20, Suppl. 5, pp. S1511-S1520.				
Cum	ulative data on the scientific activity of the pro	ofessor				
Total number of citations, excluding self-citations 94 (<i>source Scopus</i>)						
Total number of papers on the SCI (or SSCI) list 15						
Curre	ent participation in projects	Domestic: 1	International: 0			
Profe	Professional development					
	Study visit in 1988 in the duration of 1.5 months at the Institute of Process Engineering at the Cracow University of Technology as a grant beneficiary of the Republic Scientific Community of the FR of Serbia – research into heat and mass transfer in a fluidized bed.					
Othe	Other information considered relevant					



First name and surname		MIROSLAV D. TRAJANOVIĆ			
Rank		Full professor			
Specialized scientific	field	Production Systems and	Technologies		
Academic career	Year	Institution	Institution Specialized scientific field		
Election to rank	2006	Faculty of Mechanical Engineering in Niš	Production Systems and Technologies		
Doctorate	1995	Faculty of Mechanical Engineering in Niš	Production Engineering		
Magister degree	1986	Faculty of Mechanical Engineering in Niš	Production Engineering		
Master's degree					
Engineer's degree	1978	Faculty of Mechanical Engineering in Niš	Production Engineering		

List of dissertations-doctoral art projects in which the professor is currently engaged or was engaged as a doctoral advisor in the previous 10 years

No॒	Dissertation-doctoral art project title	Candidate's name	*submitted proposal	**defended
1.	"Finite element analysis of a rolling tyre"	Nikola Korunović	12	24/11/2011
2.	"Formal framework for semantic interoperability in supply chain networks"	Milan Zdravković	12/	09/10/2012
3.	"Application of additive technologies in fabrication of anatomical custom made scaffolds for bone tissue reconstruction"	Jelena Milovanović, MSc	1,3	08/04/2014
4.	"Geometric modeling of objects with free- form elements supported by analysis of their semantic features"	Milan Trifunović	1	26/02/2016
5.	"Reverse engineering of human long bones based on morphometric parameters"	Nikola Vitković		18/03/2016
6.	"Creating of 3D solid model of the human hip bone in the case of incomplete input volumetric data"	Milica Tufegdžić, MSc	A A	21/06/2017

^{*}The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period)

Categorization of the publication of scientific papers within the field of the given study programme in line with the classification of the corresponding Ministry of Education, Science and Technological Development, in accordance with the additional standard requirements for the given field (minimum 5 not more than 20)

1	Milan Zdravković, Hervé Panetto, Miroslav Trajanović, Alexis Aubry, <i>An Approach for Formalizing the Supply Chain Operations, Enterprise Information System</i> , Volume 5, Issue 4, Taylor & Francis Group, 2011, Page 401-421, DOI:10.1080/17517575.2011.593104, (M21, IF=3,684)	M21
2	Nikola Korunović, Miroslav Trajanović, Miloš Stojković, Nikola Vitković, Milan Trifunović, Jelena Milovanović, <i>Detailed vs. Simplified Tread Tire Model for Steady-State Rolling Analysis</i> , Strojarstvo: časopis za teoriju i praksu u strojarstvu, Vol. 54, No 2, pp 153-160, 2012. (M23)	M23
3	Milan Zdravković, Miroslav Trajanović, Miloš Stojković, Dragan Mišić, Nikola Vitković, <i>A case of using the Semantic Interoperability Framework for custom orthopedic implants manufacturing</i> , Annual Reviews in Control, Volume: 36 Issue: 2 Pages: 318-326 DOI: 10.1016/j.arcontrol.2012.09.013 Published: DEC 2012 (M21, IF=1,289)	M21
4	Vidosav Majstorovic, Miroslav Trajanovic, Nikola Vitkovic, Milos Stojkovic, <i>Reverse engineering of human bones by using method of anatomical features</i> , CIRP Annals - Manufacturing Technology 62 (2013) 167–170 (M21, IF 2,251)	
5	Vitković, N., Milovanović, J., Korunović, N., Trajanović, M., Stojković, M., Mišić, D., Arsić, S., <i>Software System for Creation of Human Femur Customized Polygonal Models</i> , Computer Science and Information Systems, Vol. 10, No. 3, 1473-1497. (2013) (M23, IF=0,625)	M23
6	Saša Milenkovic, Milorad Mitkovic, Ivan Micic, Desimir Mladenovic, Stevo Najman, Miroslav Trajanovic, Miodrag Manic, Milan Mitkovic, <i>Distal tibial pilon fractures (AO/OTA type B, and C) treated with the external skeletal and minimal internal fixation method</i> , Vojnosanitetski Pregled 2013; 70(9): 836–841 (M23, IF=0,21)	M23
7	Milan Zdravković, Herve Panetto, Miroslav Trajanović, Alexis Aubry, <i>Explication and semantic querying of enterprise information systems</i> , Knowledge and Information Systems, Volume 40, Issue 3 (2014), Page 697-724, DOI: 10.1007/s10115-013-0650-x (M21, IF=2,639)	M21
8	Madić Miloš, Radovanović Miroslav, Manić Miodrag, Trajanović Miroslav, <i>Optimization of ANN models using different optimization methods for improving CO2 laser cut quality characteristics</i> , Journal of the Brazilian Society of Mechanical Science and Engineering, January 2014, Volume 36, Issue 1, pp 91-99 (M23, IF=0,385)	M23

9	Milan Trifunovic, Milos Stojkovic, Miroslav Trajanovic, Miodrag Manic, Dragan Misic and Nikola Vitkovic, <i>Analysis of semantic features in free-form objects reconstruction</i> , Artificial Intelligence for Engineering Design, Analysis and Manufacturing, Volume 30, Issue 1, 2 December 2014, Pages 44-63, DOI: 10.1017/S0890060415000153 (M22, IF=0,604)				
10	Nikola Vitković, Jelena Mitić, Miodrag Manić, Miroslav Trajanović, Karim Husain, Slađana Petrović, and Stojanka Arsić, <i>The Parametric Model of the Human Mandible Coronoid Process Created by Method of Anatomical Features</i> , Computational and Mathematical Methods in Medicine, vol. 2015, Article ID 574132, 10 pages, 2015. doi:10.1155/2015/574132 (M23, IF=1.018)				
11	Tufegdzic Milica, Arsic Stojanka, Trajanovic Miroslav, <i>Parameter-based morphometry of the wing of ilium</i> , Journal of the Anatomical Society of India , Volume 64, Issue 2, December 2015, Pages 129 - 135, doi: 10.1016/j.jasi.2015.10.008 (M23, IF=0,146)	M23			
12	Milan Zdravković, Ovidiu Noran, Hervé Panetto and Miroslav Trajanović, <i>Enabling Interoperability as a Property of Ubiquitous Systems for Disaster Management</i> , Computer Science and Information Systems, Volume 12, Issue 3, August 2015, DOI: 10.2298/CSIS141031011Z (M23, IF=0,447)	M23			
13	Dijana Takić Miladinov, Simonida Tomić, Sanja Stojanović, Jelena Najdanović, Jovanka Filipović, Miroslav Trajanović, Stevo Najman, <i>Synthesis</i> , <i>Swelling Properties and Evaluation of Genotoxicity of Hydrogels Based on (Meth)acrylates and Itaconic Acid</i> , Materials Research, vol.19 no.5, pp 1070-1079, São Carlos, Sept./Oct. 2016 DOI: http://dx.doi.org/10.1590/1980-5373-MR-2016-0222 (M23, IF=0,873)	M23			
14	Milica Tufegdzic, Stojanka Arsic, Miroslav Trajanovic, <i>Predictive geometrical model of the upper extremity of human fibula</i> , Biocybernetics and Biomedical Engineering, Biocybernetics and biomedical engineering, (2016), vol. 36 br. 1, str. 172-181, (M23, IF=0,808)	M23			
15	Milan Zdravković, Fernando Luis-Ferreira, Ricardo Jardim-Goncalves, Miroslav Trajanović, <i>On the formal definition of the systems' interoperability capability: an anthropomorphic approach</i> , Enterprise Information Systems, Volume 11, 2017 - Issue 3, pp389-413, DOI:10.1080/17517575.2015.1057236 (M22, IF=1,908)				
16	Miroslav Trajanović, Milica Tufegdžić, Stojanka Arsić, <i>Obtaining patient-specific point model of the human ilium bone in the case of incomplete volumetric data using the method of parametric regions</i> , Australasian physical and engineering sciences in medicine, December 2018, Volume 41, Issue 4, pp 931–944, https://doi.org/10.1007/s13246-018-0689-9, (M23, IF=1,032)				
17	NikolaVitković, Miloš Stojković, Vidosav Majstorović, Miroslav Trajanović, Jelena Milovanovića, <i>Novel design approach for the creation of 3D geometrical model of personalized bone scaffold</i> , CIRP Annals, Volume 67, Issue 1, 2018, Pages 177-180, https://doi.org/10.1016/j.cirp.2018.04.064, (M21, IF=3,333)	M21			
18	Nikola Vitković, Srđan Mladenović, Milan Trifunović, et al., "Software Framework for the Creation and Application of Personalized Bone and Plate Implant Geometrical Models," Journal of Healthcare Engineering, vol. 2018, Article ID 6025935, 11 pages, 2018. https://doi.org/10.1155/2018/6025935, (M23, IF=1.261)	M23			
19	Stojkovic Milos, Veselinovic Marko, Vitkovic Nikola, Marinkovic Dragan, Trajanovic Miroslav, Arsic Stojanka, Mitkovic Milorad, <i>Reverse Modelling of Human Long Bones Using T-Splines - Case of Tibia</i> , TEHNICKI VJESNIK-TECHNICAL GAZETTE 2018 25 (6):1753-1760, (M23, IF=0.686)				
20	Nikola Korunovic, Dragan Marinkovic, Miroslav Trajanovc, Manfred Zehn, Milorad Mitkovic, Saverio Affatato, <i>In Silico Optimization of Femoral Fixator Position and Configuration by Parametric CAD Model</i> , Materials 2019, 12(14), 2326; https://doi.org/10.3390/ma12142326 (M22, IF=2.972)	M22			
Cum	ulative data on the scientific activity of the professor	I			
	number of citations, excluding self-citations 212 (Web of Science)				
	number of papers on the SCI (or SSCI) list 44				
Curre	ent participation in projects Domestic: 2 International: 2				
Profe	ssional development				
041	information considered relevant				

First name and surname		<u>ŽARKO M. ĆOJBAŠIĆ</u>		
Rank		Full professor		
Specialized scientific	field	Automatic Control and	Robotics	
Academic career	Year	Institution	Specialized scientific field	
Election to rank	2013	Faculty of Mechanical Engineering in Niš	Automatic Control and Robotics	
Doctorate	2002	Faculty of Mechanical Engineering in Niš	Automatic Control and Robotics	
Magister degree	1997	Faculty of Mechanical Engineering in Niš	Automatic Control and Robotics	
Master's degree				
Engineer's degree	1993	Faculty of Mechanical Engineering in Niš	Automatic Control	

List of dissertations-doctoral art projects in which the professor is currently engaged or was engaged as a doctoral advisor in the previous 10 years

№	Dissertation-doctoral art project title	Candidate's name	*submitted proposal	**defended
1.	"Intelligent control of mobile robot based on neuro-fuzzy-genetic object recognition and human tracking"	Ivan Ćirić, MSc	150	15/12/2015
2.	"Intelligent control, modeling and optimization of the casting process"	Nedeljko Dučić	10.71	22/02/2017

^{*}The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period)

Categorization of the publication of scientific papers within the field of the given study programme in line with the classification of the corresponding Ministry of Education, Science and Technological Development, in accordance with the additional standard requirements for the given field (minimum 5 not more than 20)

*******	the additional standard requirements for the given nera (minimum e not more than 20)	
1.	Ćojbašić Ž. et al (2016), <i>Surface roughness prediction by extreme learning machine constructed with abrasive water jet</i> , PRECISION ENGINEERING JOURNAL, Volume 43, January 2016, Pages 86–92, DOI:10.1016/j.precisioneng.2015.06.013	M21
2.	Ćojbašić Ž., Brkić D. (2013), <i>Very accurate explicit approximations for calculation of the Colebrook friction factor</i> , INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, Volume 67, February 2013, Pages 10–13, DOI:10.1016/j.ijmecsci.2012.11.017.	M21
3.	Ristanović M., Ćojbašić Ž., Lazić D. (2012), <i>Intelligent Control of DC Motor Driven Electromechanical Fin Actuator</i> , CONTROL ENGINEERING PRACTICE, Volume 20, Issue 6, Pages 610-617, DOI: 10.1016/j.conengprac.2012.02.009.	M21
4.	Ćojbašić Ž., Nikolić V., Ćirić I., Ćojbašić Lj. (2011), Computationally Intelligent Modelling and Control of Fluidized Bed Combustion Process, THERMAL SCIENCE JOURNAL, Vol. 15, No. 2, pp. 321-338, DOI: 10.2298/TSCI101205031C.	M23
5.	Petković D., Issa M., Pavlović N. D., Zentner L., Ćojbašić Ž. (2012), <i>Adaptive neuro fuzzy controller for adaptive compliant robotic gripper</i> , EXPERT SYSTEMS WITH APPLICATIONS, Volume 39, Issue 18, 2012, Pages 13295–13304, DOI: 10.1016/j.eswa.2012.05.072.	M21
6.	Ćojbašić Ž., Ristanović M., Marković N., Tešanović S. (2016), <i>Temperature controller optimization by computational intelligence</i> , THERMAL SCIENCE JOURNAL, Year 2016, Vol. 20, Suppl. 5, pp. S1541 -S1552, DOI: 10.2298/TSCI16S5541C.	M23
7.	Lukić S., Ćojbašić Ž., Jović N., Popović M., Bjelaković B., Dimitrijević L., Bjelaković Lj. (2012), <i>Artificial neural networks based prediction of cerebral palsy in infants with central coordination disturbance</i> , EARLY HUMAN DEVELOPMENT, 88 (2012), 547–553, DOI:10.1016/j.earlhumdev.2012.01.001.	M21
8.	Petković D., Ćojbašić Ž., Lukić S. (2013), <i>Adaptive neuro fuzzy selection of heart rate variability parameters affected by autonomic nervous system</i> , EXPERT SYSTEMS WITH APPLICATIONS, Vol. 40, No. 11, pp. 4490-4495, DOI:10.1016/j.eswa.2013.01.055.	M21
9.	Lukić M., Ćojbašić Ž., Rabasovíć M., Markushev D. (2014), <i>Computationally intelligent pulsed photoacoustics</i> , MEAS. SCI. TECHNOL. 25 (2014), pp. 125203 (9pp), doi:10.1088/0957-0233/25/12/125203.	M21
10.	Petković D., Ćojbašić Ž., Nikolić V. (2013), <i>Adaptive neuro-fuzzy approach for wind turbine power coefficient estimation</i> , RENEWABLE AND SUSTAINABLE ENERGY REVIEWS, Vol. 28, 2013, Pages 191–195, DOI: 10.1016/j.rser.2013.07.049.	M21
11.	Nikolić V., Shamshirband S., Petković D., Mohammadi K., Ćojbašić Ž., Altameem T., Gani A. (2015), <i>Wind wake influence estimation on energy production of wind farm by adaptive neuro-fuzzy methodology</i> , ENERGY, Volume 80, 1 2015, Pages 361-372.	M21
12.	Ćojbašić I, Mačukanović-Golubović L, Vučić M, Ćojbašić Ž, <i>Generic Imatinib in Chronic Myeloid Leukemia Treatment: Long-Term Follow-up</i> , CLIN LYMPHOMA MYELOMA LEUK. 2019 Sep;19(9):e526-e531.	M23
13.	Djordjevic K., Markushev D., Ćojbašić Ž. (2019), <i>Photoacoustic Measurements of the Thermal and Elastic Properties of n-Type Silicon Using Neural Networks</i> , SILICON, https://doi.org/10.1007/s12633-019-00213-6.	M23
14.	Petković D., Ćojbašić Ž. (2012), Adaptive neuro-fuzzy estimation of autonomic nervous system parameters effect on heart rate variability, NEURAL COMPUTING & APPLICATIONS, 2012, Volume 21, Number 8, Pages 2065-2070.	M21

15.	Bjelakovic B, Ilic D, Lukic S, Vukomanovic V, Ćojbašić Ž., Stankovic Z, Marko J., <i>Reproducibility of 24-h heart rate variability in children</i> , CLIN AUTON RES. 2017 Aug;27(4):273-278.	M22
16.	Brkic D., Ćojbašić Ž. (2016), <i>Intelligent Flow Friction Estimation</i> , COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE, vol. 2016, Article ID 5242596, 10 pages.	M23
17.	Dučić, N., Ćojbašić, Ž. (2017), Manasijević, S. et al., <i>Optimization of the Gating System for Sand Casting Using Genetic Algorithm</i> , INTERNATIONAL JOURNAL OF METALCASTING (2017) 11: 255. https://doi.org/10.1007/s40962-016-0040-8.	M23
18.	Tamah A. E., Shamshirband S., Petković D., Zalnezhad E., LipYee P., Tahere R., Ćojbašić Ž., <i>Comparative study of clustering methods for wake effect analysis in wind farm</i> , ENERGY, Volume 95, 15 January 2016, Pages 573-579.	M21
19.	Petković D., Pavlović N. D., Ćojbašić Ž., Pavlović N. T. (2013), <i>Adaptive neuro fuzzy estimation of underactuated robotic gripper contact forces</i> , EXPERT SYSTEMS WITH APPLICATIONS, Volume 40, Issue 11, 15 January 2013, Pages 281-286.	M21
20.	Marković D., Petrović G., Ćojbašić Ž., Marinković D. (2019), <i>A Metaheuristic Approach to the Waste Collection Vehicle Routing Problem with Stochastic Demands and Travel Times</i> , ACTA POLYTECHNICA HUNGARICA, Vol. 16, No. 7, 2019, pp. 45-60.	M22
Cum	ulative data on the scientific activity of the professor	

Total number of citations, excluding self-citations	1047 (SCOPUS, h-in	dex=19), 1357 (Google Scholar, h-index=21)
Total number of papers on the SCI (or SSCI) list	53	
Current participation in projects	Domestic: 2	International: 2

Professional development:

Longer professional development: Fraunhofer IPK Institute in Berlin, Germany (1998, 2003), Technical University of Braunschweig, Germany (1998), Technical University of Ilmenau, Germany (2003), Manchester Business School, England (2005), University of Vigo, Spain (2017), Technical University of Berlin, Germany (2018); Shorter visits as part of international projects: Technical University of Berlin, Germany (2013-2018), University of Bremen, Germany (2010-2015), Technical University of Munich, Germany (2010), Imperial College, London, Great Britain (2011), University of Karlsruhe, Germany (2010), Polytechnic University of Catalonia, Barcelona, Spain (2011), University of Exeter, Great Britain (2010), German University in Cairo, Egypt (2010), University of Nova Gorica, Slovenia (2019).

Other information considered relevant Participated in the implementation of over 30 international and national projects.



First	name and surnan	ne	VLADISLAV	A. BLAGO	<u>JEVIĆ</u>			
Rank			Associate profe	essor				
Speci	alized scientific fi	eld	Production Sys	tems and Te	echnologies			
Acad	emic career	Year	Institution		Specialized scient	tific field		
Electi	on to rank	2016	Faculty of Mecha Engineering in N		Production System	ns and Technologies		
Docto	orate	2010	Faculty of Techn Sciences in Novi		Production System	ns and Technologies		
Magis	ster degree	2004	Faculty of Mecha Engineering in N		Production System	ns and Technologies		
Maste	er's degree							
	neer's degree	1998	Faculty of Mecha Engineering in N	iš	Production Engine			
List of advis	of dissertations-do or in the previous	ctoral art 10 years	projects in whic	h the profe	ssor is currently o	engaged or was enga	ged as a doct	oral
№	Dissertation-doc	ctoral art pr	oject title	Candidate	's name	*submitted proposal	**defended	
_			120			'A		
docto docto Cates classi	ral art projects), ** ral art projects fror gorization of the p ification of the cor	The year in the previously in the previously in the previously in the previously in the presponding the presponding in the present in the previously	n which the disser- ous period) of scientific parting Ministry of Ed	rtation-doct pers within lucation, So	oral art project wa the field of the gi	tted (only for ongoing s defended (only for o ven study programn ological Developmen	lissertations- ne in line with	n the
with	the additional star	ndard requ	uir <mark>e</mark> ments for the	e given fiel	d (minimum 5 no	t more than 20)		
1.	Actuators Sequentiand Measurements,	al Control Proceeding	With Two End Pos gs, University of	<i>itions</i> , XIV Niš, Faculty	International Confer	of PLC Programs For ence on Systems, Autor ineering and Faculty of EE)	matic Control	M33
2.	Dragan Šešlija, Star pass valve control	nimir Čajeti <i>for increas</i> eers, Part I	nac, Vladislav Bla ing energy efficien : Journal of Syste	gojević, Jova ncy of pneun	an Šulc, Application natic actuator syste	of pulse width module m, Proceedings of the Vol. 232, No. 10, pp	Institution of	M23
3.	С. Ранђеловић, М.	. Милутино iversitatis, S	овић, В. Благојеви Series: Mechanical	Engineering,		ith wall ironing in ma. vol. 15, no. 1, pp. 107		M24
4.						urt Of Pneumatic System DOI: 10.2298/TSCI16S		M22
5.		Channels V	Vith A Non-Circul			ary Flow In A Two-Phace, Volume 20, Numbe		M22
6.		strial Case	Studies, Facta uni	iversitatis sei	ries Mechanical Eng	the Laser Cutting Processineering, Vo12., N02,		M24
7.						umatic actuator system, Nº2, April 2013, pp. 18		M23
8.					ković, <i>Leakage qua</i> , No 7, 2012, pp. 168	ntification of compress 89-1694.	sed air using	M22
9.	S. Dudić, I. Ignjato using thermovision					ification of compressed	l air on pipes	M23
10.					s <i>of restoring energ</i> 2, February 2011, pp	gy in execution part of b. 170-176.	of pneumatic	M23
Cum	ulative data on the	e scientific	activity of the p	rofessor				
Total	number of citation	s, excludin	g self-citations	39 (We	eb of Science)			
Total	number of papers	on the \overline{SCI}	(or SSCI) list	7				
Curre	ent participation in	projects		Domes	tic: 2 Int	ernational: 0		
	ssional developmen		1					
Other	information consid	dered relev	ant					

First	name and surnar	ne	PREDRAG M.	<u>ŽIVKOV</u>	<u>IĆ</u>			
Rank			Associate profes	ssor				
Speci	alized scientific fi	ield	Thermal Engine	ering, The	rmoenergetics an	d Process Engineerin	g	
Acad	emic career	Year	Institution		Specialized scie	ntific field		
Electi	on to rank	2017	Faculty of Mechan Engineering in Ni		Thermal Engine Engineering	ering, Thermoenergetics	s and Process	
Docto	rate	2011	Faculty of Mechan Engineering in Ni		Thermal Engine Engineering	ering, Thermoenergetics	s and Process	
Magis	ster degree	2006	Faculty of Mechan Engineering in Ni		Thermal Engine Engineering	ering, Thermoenergetics	s and Process	
Maste	er's degree							
	eer's degree	2000	Faculty of Mechan Engineering in Ni	š	Engineering	ering, Thermoenergetics		
	of dissertations-do or in the previous		projects in which	the profe	essor is currently	y engaged or was en	gaged as a doct	oral
№	Dissertation-doc	•	roject title	Candidate	e's name	*submitted proposal	**defended	
			1200			2		
docto docto Cates	ral art projects), ** ral art projects from gorization of the p	*The year im the previoublication	n which the disser ious period) n of scientific pape	tation-doct	toral art project v	nitted (only for ongoi was defended (only fo given study program	r dissertations- nme in line with	1 the
	the additional sta	ndard req	uirements for the	given fiel	d (minimum 5 n	nological Developm ot more than 20)		nce
1.	Thermal and Fluid	l-Flow Proc	esses in a Matrix H	eat Exchan	ger, Thermal Scie	ental and Numerical I nce (2019) Vol. 23, No.	1, pp. 11-21.	M22
2.	built environment,	Thermal Sc	eience (2018) Vol. 22	2, Suppl. 4,	pp. S1033-S1045.	e with the green living		M22
3.						tated Plate Convective icales (2018), Vol. 124,		M21a
4.	and Influences of t	the Soil Lay	er on its Properties,	Thermal sc	eience, (2016), Vol	., <i>Green Living Roof I</i> . 20, Suppl. 5, pp. S151	1-S1520	M23
5.	Naturally Ventilate	ed Primary ,	School Classrooms,	Thermal Sc	cience (2016) Vol.	O Simulations of Thern 20, Suppl. 1, pp. S287-S	S296.	M23
6.						perimental and Analytic Vol. 20, Suppl. 5, pp. S1		M22
7.	of Environmental S	Studies, (201	5), Vol. 24, No. 6, p	p. 2739-274	14	duced Urban Pollution		M23
8.	Effectiveness, Cher	mical Indust	try Journal (2014) Vo	ol. 68, No. 2	2, pp. 171-177.	the Shell-and-Tube H		M21a
9.	Transfer, Thermal	Science (20	14) Vol. 18, No. 3, p	p. 949-956		of Perforated Plate C		M22
10.	an Information Te	chnology C	lassroom, Thermal s	science, (20	14), Vol. 18, No. 3			M22
11.	Effectiveness, Cher	mical Indust	try Journal (2014) Vo	ol. 68, No. 2	2, pp. 171-177.	the Shell-and-Tube H	J	M23
12.	Energy Capture of	a Wind Fa	rm, Thermal Science	e (2012), Vo	ol. 16, Suppl. 2, pp.			M23
13.	Time Evolution Fu	inction Der	ived From Two Zon	al Approaci	h, Thermal Science	bustion Modelling By U e (2012), Vol. 16, No. 2,	, pp. 561-572.	M23
14.	Chemical Industry	66 (1) 2012	, UDC 502.3.681.5.0	8, pp 85-93	3, doi:10.2298/hem	r Continuous Air Qual ind110525066z, 2012.		M23
15.		II - basics	of heat and mass			– <i>osnove prostiranja to</i> Univerziteta u Nišu, U		-
Cum	ulative data on th	e scientific	c activity of the pi	rofessor				
Total	number of citation	ıs, excludir	ng self-citations	44 (soi	urce Scopus)			
Total	number of papers	on the SCI	(or SSCI) list	17	<u>. </u>			
Curre	nt participation in	projects		Domes	stic: 2	nternational: 0		
Profe	ssional developme	nt						

JICA grant beneficiary January–April 2010, Cleaner Production for Productivity Improvement and Energy Conservation on Maintenance Management (B) J0900721.

Other information considered relevant



First name and su	rname	GORAN B. J	<u>ANEVSKI</u>				
Rank		Associate prof	fessor				
Specialized scienti	fic field	Theoretical an		Mechanics			
Academic career	Year	Institution		Specialized s	cientific field		
Election to rank	2015	Faculty of Mecl Engineering in		Theoretical ar	nd Applied Mechanics		
Doctorate	2010	Faculty of Mecl Engineering in	nanical	Theoretical ar	nd Applied Mechanics		
Magister degree	2003	Faculty of Mecl Engineering in		Theoretical ar	nd Applied Mechanics		
Master's degree							
Engineer's degree	1994	Faculty of Mecl Engineering in		Production E	ngineering		
List of dissertation advisor in the pre-			ch the prof	essor is curren	tly engaged or was eng	gaged as a doct	oral
Nº Dissertation	n-doctoral art	project title	Candidate	e's name	*submitted proposal	**defended	
		13			1 2		
with the additiona I. Pavlović, R	l standard ro . Pavlović, G.	Janevski (2019) Ma	he given fie athematical	ld (minimum st	chnological Developm 5 not more than 20) ochastic stability analysis	of viscoelastic	M23
I. Pavlović, R	. Pavlović, G.	Janevski (2019) <i>Ma</i>	athematical i	modeling and st			M23
2 I. Pavlović, R.	Pavlović, G. Ja	anevski (2019) Dyna	mic stability	and instability	of nanobeams based on the ded Mathematics, Vol. 72(2)	ne higher-order	M23
		Pavlović, G. Janev neering Science, Vol			ic stability of multi-nand	obeam systems,	M21a
4. I. Pavlović, R 1167-1180	Pavlović, G.	Janevski (2016) <i>Dy</i>	namic insta	bility of coupled	nanobeam systems, Med	ccanica, Vol.51,	M22
					rced vibration of a doubl MS, Vol.11, 279-307	le single-walled	M23
					e Parametrical Hill's equal chanics, Vol. 52. No.3. 523		M22
system, Archiv	ve of Applied N	Mechanics, Vol.83, 1	591-1605		ic stability of a viscoelast		M23
o. beam subjecte	ed to eccentric	axial loads, Journal	of Theoretica	al and Applied M	nd stochastic stability of echanics, (Poland), Vol. 50	0 (1), 61-83	M23
9. Timoshenko b	eam under bo	unded noise excitati	on, Archive	of Applied Mech	The moment Lyapunov anics, Vol. 81, 403-417		M23
beam system u	inder compress	ive axial load, Intern	ational Journ	al of Solid and St	onents and stochastic stabi ructures, Vol. 47 (10), 1435	5-1442	M21
		vić, Goran Janevski, l Journal of Solid an			exponents of the stochast 6056-6066	ic parametrical	M21
Cumulative data on							
Total number of citat				ource Scopus)			
Total number of pape		or SSCI) list	17				
Current participation			Domes	stic: 1	International: 0		
Professional develop							
Other information con	nsidered releva	nt					

First name and	surname	<u>JELENA N. J</u>	ANEVSKI				
Rank		Full professor					
Specialized scie	ntific field	Thermal Engin	eering, The	rmoenergetics and I	Process Engineering		
Academic care	er Year	Institution		Specialized scienti	fic field		
Election to rank	2020	Faculty of Mech Engineering in N	Niš	Engineering	ng, Thermoenergetics and		
Doctorate	2009	Faculty of Mech Engineering in N	Niš	Engineering	ng, Thermoenergetics and		
Magister degree	2000	Faculty of Mech Engineering in N		Theoretical and Ap	plied Processes in Heat a	and Mass Trar	nsfer
Master's degree							
Engineer's degre	e 1994	Faculty of Mech Engineering in N		Process Engineerin	g		
	ions-doctoral art revious 10 years	projects in whic	ch the profe	ssor is currently e	ngaged or was engage	ed as a doct	oral
	tion-doctoral art p	roject title	Candidate	's name	*submitted proposal	**defended	d
		13.			ted (only for ongoing o		
loctoral art projection classification of	of the publication the corresponding	ous period) of scientific parting Ministry of E	pers within ducation, S	the field of the giv	en study programme logical Development, more than 20)	in line with	
. ratio of ze	olite and inert mat	erial on the effici	ency on the		f the air temperature and process – experimental No. 2, pp.54-62.		M51
Janevski J. of Binary	, Stojanoviuć B., Sto Mixtures: Determin	ojilj <mark>ković M., Živko</mark> ation of Minimum	ović P., Mitro <i>Fluidization</i>	vić D., Dimitrijević J	ovanović D., <i>Bubbling F</i> of Faculty Engineering H		M51
Mitrović D Boiler, The)., Stojanoviuć B., Ja ermal Science, Vinča	nevski J., Ignjatovi a Institute of Nucle	ić M., Vučkov ar Sciences, I	vić G., <i>Exergy and E.</i> Belgrade, vol. 22, pp.	xergoeconomic Analysis S1601-S1612, 2018.	And .	M22
Transfer 1	During Convective I	Orying of Wood w	ith Microwa		asional Model for Heat of Porous Media, Begell 18, Danbury, 2018.		M22
Certain Th	ermal Power Plants	s in Serbia, Therma	al Science, Vi	inča, Belgrade, vol. 20	e rgetics Performance A), pp.S1259-S1269, 2016	j	M23
6. Fluidizatio	on Velocity on Zeol	lite Drying in a T	wo-Compon	ent Fluidized Bed, T	the Influence of Partic Thermal Science, Vinča 8/TSCI160128058J, 2010	Institute of	M23
. Possibilitie		urces Part B Econ	omics Plannii	ng and Policy, Taylor	liomass in Serbia – Res & Francis, vol. 11, no.		M23
3. of the He	at Transfer Process	s in the Package	of Perforate		perimental and Analytica science, Vinča Institute [1685251Z, 2016.		M23
). Impact on	Increasing Energy	Efficiency and the	Reduction o	f CO2 Emission, Fac	systems in District Heat ta Universitatis Series: W 978-86-7892-713-3, 201	Vorking and	M24
0. Vukić M., Corn in a	Janevski J., Stojano Packed and Fluidize	viuć B., Vučković ed Bed, IJCCE, vol	G., Petrović <i>I</i> . 34, no. 03, p	A., <i>Experimental Inv</i> pp.43-49, ISSN:1021-	estigation of the Drying 9986, 2015.	Kinetics of	M23
1. of increase Vol.18, no	ing building energy .03, pp. 1011-1018,	efficiency, Therm DOI:10.2298/TSCI	al Science, V 11403011S, IS	inča Institute of Nuc SSN2334-7163, UDC		Year 2014,	M22
Thermal S	cience, Year 2012, V	ol. 16, Suppl. 2, pp	p. S423-S431	, DOI:10.2298/TSCI1	age for Biomass Heatin 20503180M, ISSN0354-	9836.	M23
.3. Performan pp. S447-S	ce of a low, mediun 459, DOI:10.2298/T	n and heavy Mass CSCI120409182A,	Building in I ISSN0354-98	<i>Belgrade</i> , Thermal Sc	Thermal Mass Impact ience, Year 2012, Vol. 1		M23
Cumulative dat	a on the scientific	activity of the p	professor				
	citations, excludir						

Total number of papers on the SCI (or SSCI) list	12	
Current participation in projects	Domestic: 2	International: 0
Professional development		
Other information considered relevant		



First 1	name and surnan	ne	PREDRAG LJ. J	JANKOV	⁄ IĆ			
Rank			Associate professo	or				
	alized scientific fi	eld	Production System		echnologies			
_	emic career	Year	Institution		Specialized scienti	fic field		
Election	on to rank	2015	Faculty of Mechanic Engineering in Niš	cal	Production Systems	s and Technologies		
Doctor	rate	2009	Faculty of Mechanic Engineering in Niš	cal	Production Systems	s and Technologies		
Magist	ter degree	1998	Faculty of Mechanic Engineering in Niš	cal	Production Systems	s and Technologies		
	r's degree							
	eer's degree	1991	Faculty of Mechanic Engineering in Niš		Production Systems			
	f dissertations-do or in the previous		projects in which t	he profe	ssor is currently e	ngaged or was enga	nged as a doct	oral
Nº	Dissertation-doc	•	roject title (Candidate	e's name	*submitted proposal	**defended	
1.	"Influence of the technological characteristics used in defence	aracteristic		Desimir J	ovanović, MSc	150	06/02/2019	
doctor		The year i	n which the dissertat			ted (only for ongoing defended (only for		-
classif	fication of the cor	respondir		cation, S	cience and Techno	ven study programn ological Developmen more than 20)		
1	Janković P, Planić	S, <i>Environn</i>	nen <mark>t</mark> al influence of ra	ilway slee	pers, Second confere	ence on sustainable dev		M63
	Mladenović S, Ran	čić B, Janko Conference	ović P, Planić S, <i>Desig</i> on Production Engine	n and Te	nsiometric Analysis o	of the C-clamp for Rai Engineering, Universit	ilroad Tracks,	M33
3.	<i>applications</i> , 12th 1 Mechanical Engine	Internationa ering Unive	l Conference on Tribol ersity of Kragujevac, pr	logy - SEI p. 349 - 35	RBIATRIB '11, Serbi 54, Serbia, 11 13. M		and Faculty of	M33
4.	"Research and Dev	velopment o	pecific features of a period of Mechanical Elements 33 - 338, Serbia, 27 - 2	nts and S	ystems" - IRMES 2	rocess, 7th Internation 011, University of N	al Conference is, Faculty of	M33
5.		tific Confere	ence MMA 2012, Univ			abrasive water jet mad technical sciences, No		M33
0.	water jet machining	g, Theoretica	al and Applied Mechani	ics, Srpsko	o društvo za mehaniku	echanism and cut quali 1, 40, 1, pp. 247 - 261, 2	2012	M24
7.	časopis za teoriju i	praksu u str	ojarstvu, Hrvatski stroj	jarski i bro	odograđevni inženjers	ski savez, 54, 3, pp. 189	9 - 196, 2012.	M23
8.	FACTA UNIVERS	SITATIS Sei	ries: Electronics and En	nergetic, I	University of Nis, -1,	ent using Wheatstone 1 26, 1, pp. 69 - 78, 621,	, 2013	M24
9.	aluminium alloy, J	ournal of th	e Balkan Tribological	Associatio	on, Balkan Tribologic	ness in abrasive water al Association, pp. 618	3-628, 2013.	M23
10.	млазом [Material Факултет инжење	<i>processing</i> pcких наук	д by abrasive waterje a, стр. 205, 2015	et cutting	<i>]</i> , Домаћа моногра	а резањем воденим фија, Универзитет у	Крагујевцу,	M42
11.	stainless steel turnin	ig process, T	Thermal Science, Vinča	Institute of	f Nuclear Sciences, Su	utting temperature in t ppl. 5, 20, pp. S1345 - S	31354, 2016.	M22
12.	<i>prediction by extre</i> 86 - 92, 0141-6359	me learning , 2016	g machine constructed	d with ab	rasive water jet, Pred	ičić N, Baralić J, <i>Surfa</i> cision Engineering, Els	sevier, 43, pp.	M21
13.	Protection and Ecol	logy, Balkaı	n Environmental Assoc	ciation, No		hnologies , Journal of E - 1099, 2017.	Environmental	M23
			c activity of the pro					
	number of citation	•		- '	urce Scopus)			
ı otal ı	number of papers	on the SCI	(or SSCI) list	8				

Current participation in projects	Domestic: 2	International: 0
Professional development		
Other information considered relevant	1	he Assembly of the Serbian Standardization ing and Manufacturing Competition of



First	name and surnan	ne	MILOŠ M. JO	OVANOVIĆ	5			
Rank			Associate profe	essor				
Speci	alized scientific fi	eld	Theoretical and	d Applied Fl	uid Mechanics			
Acad	emic career	Year	Institution		Specialized scient	ific field		
Electi	on to rank	2014	Faculty of Mech Engineering in N		Theoretical and Ap	pplied Fluid Mechanics		
Docto	rate	2007	Faculty of Mech Engineering in N		Theoretical and Ap	oplied Fluid Mechanics		
Magis	ter degree	1998	Faculty of Mech Engineering in N		Hydropower Engir	neering		
Maste	r's degree							
	eer's degree	1991	Faculty of Mech Engineering in N	Viš	Energy Engineerin			
	of dissertations-do or in the previous		projects in whic	ch the profe	ssor is currently e	engaged or was enga	ged as a doct	oral
№	Dissertation-doc	ctoral art pi	roject title	Candidate'	's name	*submitted proposal	**defended	
			13.			12		
docto docto Categ classi	ral art projects), ** ral art projects fror gorization of the p fication of the cor	The year in the previous the pr	n which the disse ous period) n of scientific par ng Ministry of Ed	ertation-doct pers within ducation, So	oral art project was	ted (only for ongoing s defended (only for o wen study programn ological Developmen	dissertations- ne in line with	ı the
1.	Miloš M. Jovanovi presence of spatia	ić, Jelena I al temperati SEVIER, 73	D. Nikodijević, M ture modulation o 5, pp. 69 - 74, ISSN	ilica D. Niko <i>n both plate</i> V 0020-7462,	odijević, <i>Rayleigh-Boss</i> , INTERNATIONA Published:2015, SCI	enard convection insta AL JOURNAL OF N , SCIe. DOI: 10.1016/j	ON-LINEAR	M21
2.	Nikodijević D.Dra and Heat transfer	giša, Stame of three im	nković M. Živojin niscible fluids in t	n, Jovanović I he presence o	M. Miloš, Kocić M. of uniform magnetic	Miloš, Nikodijević D. field, Thermal Science. The paper has five he	e, vol.8, Issue	M22
3.		cylinder, T	hermal Science, V	INCA INST	NUCLEAR SCI, 20,	d diffusion boundary Suppl. 5, pp. S1367 -		M23
4.	in a two-phase gas	s-solid syste	em in straight cha	annels with a	non-circular cross	é, "The influence of se e-section, Thermal Scientification, Published	ence, VINCA	M23
5.		sions, Ther	mal Science, VIN	CA INST N	UCLEAR SCI, vol.2	Zivan T., <i>The effect of</i> 22, pp. S1483 - S1498		M22
6.	axial fan with dou	bly curved ering, vol.3	profiles of blades 32, Issue 8, pp. 37	, Journal of I	Mechanical Science	ormance of low-pression and Technology, Kore X, DOI 10.1007/s12206	an Society of	M23
7.	circular cross-secti	on of pneu	matic transport of	f powder mat	terial, Thermal Scien	o-phase flow in channed nce, VINCA INST NU 118. (M22, IF=1,541), '	CLEAR SCI,	M22
8.	INSTABILITY IN SCIENCE, Year 20	THE PRE 12, Vol. 16,	SENCE OF TEM Supp. 2, pp. S331	PERATURE -S343 (M23,	VARIATION AT 1 IF 2012 0.838)	LEIGH-BENARD CO THE LOWER WALL"	, THERMAL	M23
9.	influence of the do Mechanical Engine	oubly curved ering, DOI:	d blade profiles of 10.22190/FUME1	n the reversil 71128002S, 2	ble axial fan charac 2018.	ić, Numerical investig teristics, Facta Univers	sitatis, Series:	M24
10.	M. Jovanović, <i>Unst</i> VINCA INST NUC	teady plane CLEAR SCI,	<i>mhd boundary lay</i> , Year 2010, VOL	er flow of a f UME 14, ISS		nenković, Dragan S. Živ trical conductivity, The ages [S171 - S182]		M23
	ulative data on the							
	number of citation				irce Scopus)			
Total	number of papers	on the SCI	(or SSCI) list	9				

Current participation in projects	Domestic: 2	International: 0	
Professional development			
Other information considered relevant			



Firs	t name and surn	ame	MIRJANA S. 1	L <mark>AKOVIĆ</mark>	<u>PAUNOVIĆ</u>			
Ran	ık		Associate profe	ssor				
Spe	cialized scientific	field	Thermal Engine	eering, The	rmoenergetics a	nd Process Engineering	;	
Aca	demic career	Year	Institution		Specialized sci	entific field		
Elec	tion to rank	2015	Faculty of Mecha Engineering in N		Thermal Engine Engineering	eering, Thermoenergetics	and Process	
Doct	torate	2010	Faculty of Mecha Engineering in N	ınical		eering, Thermoenergetics	and Process	
Mag	ister degree	2005	Faculty of Mecha Engineering in N		Thermal Engine Engineering	eering, Thermoenergetics	and Process	
Mas	ter's degree							
Engi	ineer's degree	2000	Faculty of Mecha Engineering in N		Thermal Engine Engineering	eering, Thermoenergetics	and Process	
	of dissertations- isor in the previo			h the profe	ssor is currentl	ly engaged or was eng	aged as a doct	oral
№	Dissertation-d		- 1	Candidate	's name	*submitted proposal	**defended	
			13,			12		
Cate	sification of the c	publicatio orrespondi	n of scientific pap ng Ministry of Ed	lucation, S	cience and Tecl	given study programi hnological Developme not more than 20)		
*****		unuuru ree	quirements for the	e given mer	a (minimum o			
1.						ović, <i>Risk Of Thermal Pol</i> ence: Year 2018, Vol. 22		M22
 2. 	Danube Passing S1323. Miloš J. Banjac, The Republic Of	Through Sea Mirjana S. L Serbia Achie	rbia due To Therma aković, Introduction eved Results And Ch	al Power Pla n Of The En allenges, Th	nergy Management ermal Science: Ye	ović, <i>Risk Of Thermal Pol</i> ence: Year 2018, Vol. 22 nt System In The Industrear 2018, Vol. 22, Suppl. 2	rial Sector Of 5, pp. S1	M22
	Danube Passing S1323. Miloš J. Banjac, The Republic Of Jović M, Lakovi	Through Sea Mirjana S. L Serbia Achie & M, Banjac	aković, Introduction wed Results And Ch. M, Improving the	n Of The Enallenges, The	nergy Management ermal Science: Yes ciency of a 110 A	ović, Risk Of Thermal Polence: Year 2018, Vol. 22 nt System In The Indust.	rial Sector Of 5, pp. S1 at by low-cost	M22
2.	Danube Passing S1323. Miloš J. Banjac, The Republic Of Jović M, Lakovi modification of t 2018. Laković, M. S.,	Through Ser Mirjana S. L Serbia Achie & M, Banjac the cooling s et al.: Indu	aković, Introduction wed Results And Ch M, Improving the system, Journal Ener	n Of The Enallenges, The energy efficiency and Environment of the Design A	nergy Managementermal Science: Yesterney of a 110 And Operation In	ović, Risk Of Thermal Polence: Year 2018, Vol. 22 nt System In The Industria ear 2018, Vol. 22, Suppl. 3 MW thermal power plan	rial Sector Of 5, pp. S1 tt by low-cost 28, 0(0) 1-15,	M22
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22. 33. 44. 55. 66. 77.	Danube Passing S1323. Miloš J. Banjac, The Republic Of Jović M, Lakovimodification of the 2018. Laković, M. S., Conditions, There Laković Mirjana, power plant, The Mitrović Dejan, Josystems, Thermal Jelena N. Janevsl Wood biomass in Policy, 11:8, 732. Mirjana S. Lakov cold-end operating 10.2298/TSCI100. Dejan Mitrović, Plant, Energy Som Mirjana S. Lakov Variation Due to Effects, 34:23, 21.	Mirjana S. L. Serbia Achie é M, Banjac he cooling s et al.: Indumal Science, Laković Slormal Science, Laković Jelević, Mladen S ag condition 415066L Dragoljub Ži urces, Part A vić, D. Mitro Local We 64-2177	aković, Introduction wed Results And Chamber M, Improving the system, Journal Enerstrial Cooling Tow Year 2016, Vol. 20, abodan, Banjac Milos, Vol. 16 Suppl. 2, pp. na N., Laković Mirja. 16 Suppl. 2, pp. 54 V. Stojanović, Mirj Resources and possi ivković, Mirjana Lai: Recovery, Utilizatio ović, V. Stefanović ather Conditions, Establica is Recovery, Utilizatio ović, V. Stefanović ather Conditions, Establica is Recovery, Utilizatio ović, V. Stefanović ather Conditions, Establica is Recovery, Utilizatio ović, V. Stefanović ather Conditions, Establica is Recovery, Utilizatio ović, V. Stefanović ather Conditions, Establica is Recovery, Utilizatio ović, V. Stefanović ather Conditions, Establica is Recovery, Utilizations, Establica is Recovery, Uti	n Of The Enallenges, The energy efficiency and Environment of Energy and Environment of Suppl. 4, pp. 8, Analysis of S375-S385 ana, Primary 199-S422, 201 ana S. Lako dibilities of under the control of the ković: Energy of the Energy Sour	nergy Management ermal Science: Yesterney of a 110 And Operation In S1203-S1214 of the evaporative 2012 energy savings to 22. vić, Mirko M. St. see, Energy Source ović, Velimir Stefer steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ijković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Ilković (2012): Cees, Part A: Reconstruction of the steam power promental Effects Il	nt System In The Industrian 2018, Vol. 22 Int System In The Industrian 2018, Vol. 22, Suppl. 2 MW thermal power plan 0.1177/0958305X177474 In The Moderate-Continuate towers cooling system of the	rial Sector Of 5, pp. S1 nt by low-cost 28, 0(0) 1-15, ental Climate of a coal-fired omass heating litrović (2016) Planning, and Impact of the 2010., DOI: Steam Power 1027. Power Output Environmental	M2: M2: M2: M2: M2: M2: M2:
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Professional development

- Energy policy, Tokyo, Japan, Training course, 2011;
- Energy management in industry, Ankara, Turkey, Training course, 2015;
- Energy management in industry, Belgrade, Serbia, Training course, 2017, Licence No EMI 011018; (4) Renewable energy sources auctions, Open world leadership center, DC Washington, Salt Lake City, Utah, USA, 2019.



First	name and surnar	ne	MIROSLAVI	M. MIJAJI	<u>LOVIĆ</u>				
Rank	K		Associate profe	essor					
Spec	ialized scientific f	ield	Mechanical De	esign					
	lemic career	Year	Institution		Specialize	d scien	tific field		
Electi	ion to rank	2018	Faculty of Mech Engineering in N		Mechanica	al Desig	gn		
Docto	orate	2012	Faculty of Mech Engineering in N	anical	Mechanica	al Desig	gn		
Magi	ster degree								
	er's degree								
	neer's degree	2004	Faculty of Mech Engineering in N	liš	Mechanica				
	of dissertations-de sor in the previous		projects in which	ch the profe	essor is curi	rently	engaged or was enga	iged as a doct	toral
No No	Dissertation-do	•	roject title	Candidate	's name		*submitted proposal	**defended	
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docto Cate class	oral art projects fro gorization of the p ification of the co	m the previ publication rrespondin	ious period) of scientific paring Ministry of Ed	pers within ducation, S	the field of	f the gi	as defended (only for only for	ne in line witl	
with	the additional sta	- Y //		U	,				T
1.	Mijajlović M.: <i>Tel</i> s.225, ISBN 978-8			ling technolo	ogy 1], Univ	erzitet	u Nišu, Mašinski fakult	tet Niš, 2017,	
2.							ka [Reliability of mecha ISBN 978-86-80587-80		
3.		during Fri	ction Stir Welding				ical Model for Analytical logical Association, 17		M23
4.		during Fri	ction Stir Welding				ical Model for Analytical logical Association, 17		M23
5.		lčić, D., Mil	čić, M., Numerica	l Simulation	of Friction S	Stir We	lding, Thermal Science,	18 (2014), 3,	M22
6.		l Set Press	Fit Joint, Proceedi	ngs of the In	stitution of M	1echani	or the Estimation of the cal Engineers, Part F, Jo 123=3.0, IF=0.790)		M23
7.	Model for the Est	timation of		leat Generate	ed During F		Based Validation of the Stir Welding, Therma		M22
8.		ion in Frict					ntal Studies of Paramet 2012), suppl. 3, pp. 35		M22
9.	Mijajlović, M., Mi pp. 967 – 978, DO			l Simulation	of Friction S	Stir We	<i>lding</i> , Thermal Science,	18 (2014), 3,	M22
10.		ion on Plate	es Made of Alumir				teat Generated During ling Processes (Radovar		M14
	ulative data on th								
	number of citation				urce Scopus)			
Total	number of papers	on the SCI	(or SSCI) list	10					
	ent participation in	<u> </u>		Domes	stic: 1	In	ternational: 0		
Profe	ssional developme	ent.							
	r information consi		vant						

First	name and surnar	ne	SAŠA M. MII	LANOVIĆ				
Rank			Associate profe	essor				
Speci	alized scientific fi	eld	Theoretical and	d Applied F	uid Mechanics			
Acad	emic career	Year	Institution		Specialized scient	ific field		
Electi	on to rank	2019	Faculty of Mech Engineering in N		Theoretical and Ap	oplied Fluid Mechanics		
Docto	rate	2014	Faculty of Mech Engineering in N		ical Theoretical and Applied Fluid Mechanics			
Magis	ter degree	1996	Faculty of Mech Engineering in N		Hydropower Engin	neering		
	r's degree							
Ü	eer's degree	1987	Faculty of Mech Engineering in N	Viš	Energy Engineering			
	of dissertations-do or in the previous		projects in whic	ch the profe	ssor is currently e	engaged or was enga	iged as a doct	oral
№	Dissertation-do	ctoral art p	roject title	Candidate	's name	*submitted proposal	**defended	
docto docto	ral art projects), ** ral art projects from	The year in the previ	n which the disse ous period)	ertation-doct	oral art project wa	tted (only for ongoing s defended (only for o	dissertations-	
classi	fication of the co	respondin	ng Ministry of E	ducation, S		ven study programn ological Developmer t more than 20)		
1.					are reversible axial j appl. 2 pp. S593-S603	fan with straight profit 3.	le blades and	M23
2.	Jovanović M., Mile	enković D.,	Petrović G., Milić	P., Milanovi	ć S., Theoretical an	<i>d experimental analysi</i> 112), Vol. 16, Suppl. 2 p		M23
3.		channels wi	ith a non-circular			dary flow in a two-ph 2016), Vol. 20, Suppl.		M23
4.		ction Of Pn	eumatic Transport	Of Powder		Phase Flow In Channe cience (2018), Vol. 22,		M22
5.					, <i>Effect of biodiesel</i> 0.2298/TSCI18S548	on diesel engine emissi 3N).	ions, Thermal	M22
6.		g on the typ	oe of fuel, Facta U	niversitatis S		etween fuel flow velo gineering, 2016. Vol. 1		M24
7.	influence of the	doubly cur	ved blade profile	s on the re	versible axial fan	ić, <i>Numerical investig</i> characteristics, Facta MechEng/issue/view/54	Universitatis,	M24
8.		ical basis w	ith examples], Mai	шински факу		основе са примери Нишу, Unigraf X-Cop		-
9.		ски факулт				<i>транспорт [Pneumati</i> N 978-86-80587-92-9,		ı
10.		is compress	ion process therm	odynamics],	Машински факулт	инамика процеса саб ет Универзитет у Ни		-
	ılative data on th			orofessor				
	number of citation		<u> </u>	,	ırce Scopus)			
	number of papers		(or SSCI) list	5				
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	ssional developme		<u> </u>					
Otner	information consi	uerea relev	ant					

	First name and surname Rank		MILOŠ D. M	<u>ILOVANČ</u>	<u>EVIĆ</u>				
Rank	<u> </u>		Associate prof	essor					
Speci	ialized scientific	field	Mechanical De						
Acad	emic career	Year	Institution		Specialized scientific field				
Electi	on to rank	2016	Faculty of Mech Engineering in N		Mechanical Desig	n			
Docto	rate	2010	Faculty of Mech Engineering in N		Mechanical Desig	n			
Docto	orate	2010 Faculty for Education of Managerial Staff in Economy			Management and	Business Economics			
Magis	ster degree	Engineering in Niš							
Maste	er's degree								
	eer's degree								
	of dissertations-d or in the previou		projects in which	ch the profe	essor is currently	engaged or was eng	aged as a doct	toral	
№	Dissertation-do	octoral art p	roject title	Candidate	e's name	*submitted proposal	**defended		
classi	fication of the co	orrespondi	ng Ministry of E	ducation, S	Science and Techn	ven study programi ological Developme			
Cales	gorization of the	publication	n of scientific pa	pers within	the field of the gi	ven study programı	ne in line witl	h the	
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First 1	name and surnan	ne	DEJAN M. M	<u>ITROVIĆ</u>					
Rank			Associate profe	essor					
Specia	alized scientific fi	eld	Thermal Engin	eering, The	rmoenergetic	s and l	Process Engineering		
Acade	emic career	Year	Institution		Specialized	scient	fic field		
Election	on to rank	2015	Faculty of Mecha Engineering in N		Thermal En Engineering	-	ng, Thermoenergetics	and Process	
Doctor	rate	2010	Faculty of Mecha Engineering in N		Thermal En Engineering	_	ng, Thermoenergetics	and Process	
	ter degree	2002	Faculty of Mecha Engineering in N		Thermal En Engineering		ng, Thermoenergetics	and Process	
	r's degree								
	eer's degree	1994	Faculty of Mecha Engineering in N	liš	Engineering	5	ng, Thermoenergetics		
	f dissertations-do or in the previous		projects in whic	h the profe	essor is curre	ently e	ngaged or was enga	aged as a doct	oral
No No	Dissertation-doc		roject title	Candidate	's name	1	*submitted proposal	**defended	
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doctor doctor	ral art projects), ** ral art projects from corization of the p	The year in the previublication	n which the disse ous period) of scientific pap	rtation-doct	the field of	the giv	ted (only for ongoin defended (only for en study programs logical Developmen	dissertations- me in line with	the
	the additional star							, uccor du	
1.		nic Analysis	s Of A Steam Boile				ić, And Goran D. Vuč Vol. 22, Suppl. 5, Pp.		M22
2.	Mitrović, Techno-I	Economic () If A Public	Optimization Of Co Swimming Pool I	onfiguration	And Capacit	y Of A	vić, Milena N. Rajić, A Poly Generation Sys 2018, Vol. 22, Suppl.	stem For The	M22
3.	Dejan M. Mitrovio	ć, Marko (getic Perfor	G. Ignjatović, Bra mance Analysis Fo	or Certain T	hermal Power		Janevski, Mirko M. In Serbia, Thermal S		M23
4.	Marko G. Ignjatovi	ć, Bratislav vić, <i>Sensitiv</i>	D. Blagojević, M vity Analysis For I	irko M. Stoj Daily Buildir	iljković, Dejai 1g Operation	From !	itrović, Aleksandar S. <i>The Energy And Thei</i> 298/TSCI16S5485I		M23
5.	Biomass In Serbia 2016, VOL. 11, NO.	- Resource 8, 732–738	es And Possibilitie 3,http://dx.doi.org/1	s <i>Of Use</i> , Ei 10.1080/1556	nergy Sources 7249.2013.79	, Part E 1897	ljković, Dejan M. M. 3: Economics, Plannin	g, and Policy,	M23
6.		peration Of	Energy Supply S	ystems With			G. Ignjatović, Dejan Absorption Refrigera		M23
7.	Heating Systems, T	HERMAL S	SCIENCE, Year 20	012, Vol. 16,	Suppl. 2, pp. S	5423-S			M23
8.	Local Weather Cor 2177, 2012	nditions, En	ergy Sources, Part	A: Recovery	y, uti <mark>liz</mark> ation a	nd env	nt Power Output Var fronmental effects, 34:	23, pp. 2164–	M22
	cold-end operating 10.2298/TSCI1004	conditions 15066L, V	s on energy effic ol. 14, Suppl., pp.	ciency of the S53-S66	e steam pow	er plan	ović, Dejan Mitrović, ats, Thermal Science,	2010., DOI:	M23
	D. Mitrović, D. Živ Energy Sources, Par						f a 348.5 MW Steam . 1016-1027, 2010.	Power Plant,	M22
11.	D. Mitrović, D. Živ Vessel Technology,				sumption of a	Steam	Turbine Rotor, Journ	al of Pressure	M23
Cumu	ılative data on the	e scientific	activity of the p	orofessor					
Total	number of citation	s, excludin	ng self-citations	47 (soi	ırce Scopus)				
Total	number of papers of	on the SCI	(or SSCI) list	11					
Curre	nt participation in	projects		Domes	stic: 2	Inte	ernational: 0		
	ssional developmen								
Other	information consid	dered relev	ant						



First 1	name and surnan	ne	DRAGAN T. M	<u> 41ŠIĆ</u>					
Rank			Associate profes	ssor					
Specia	alized scientific fi	eld	Production Syst	ems and To	echnologies				
Acade	emic career	Year	Institution		Specialized s	cienti	fic field		
Electio	on to rank	2016	Faculty of Mecha Engineering in Ni		Production S	ystem	s and Technologies		
Doctor	rate	2010	Faculty of Mechan Engineering in Ni						
	ter degree	1998	Faculty of Mechan Engineering in Ni		Production S	ystem	s and Technologies		
Master	r's degree								
Engine	eer's degree	1991	Faculty of Mechan Engineering in Ni		Production S	ystem	s and Technologies		
	f dissertations-do or in the previous		projects in which	h the profe	essor is curre	ıtly e	ngaged or was enga	ged as a doct	toral
№	Dissertation-doc	toral art pr	roject title	Candidat	e's name	1	*submitted proposal	**defended	
			1300		-	1			
doctor doctor	al art projects), ** al art projects from	The year in the previ	n which the disser ous period)	tation-doc	toral art projec	t was	ted (only for ongoing defended (only for o	dissertations-	
classif		respondin	g Ministry of Ed	lucation, S	cience and Te	echno	en study programn logical Developmer more than 20)		
1.	recovery by using a	ware, sensi	ng, smart and activ	e orthopedi	c devices . IEEE	Interi	l-time monitoring of l net of Things Journal	11	M21a
2.	Framework for cust	tom orthope	dic implants manuf	acturing, A	nnual Reviews in	n cont	using the Semantic In rol, (2012), vol. 36 br 2.	., str 318-326.	M22
3.	Analogy in Semant	ic Network,	International Journ	al on Artific	cial Intelligence	Tools	ag Manic, <i>Recognizing</i> Vol. 24, No. 3 (2015)	2=(M23
4.		es in free-fo	orm objects reconstr				Misic and Nikola Vitko FEngineering Design,		M23
	Misic, D., Stojkovi process manageme						.: <i>Exception detection</i> -193. (2010)	n in business	M23
							ić (2010) <i>Concept of a</i> formation Systems Vo		M23
7.		d applicatio					ated information syste s: Mechanical Enginee		M24
8.	COMPUTER SCIE	NCE AND	INFORMATION S	YSTEMS, (2015), vol. 12 b	r. 3, s			M23
9.	<i>Creation of Human</i> 3, 1473-1497. (2013)	n Femur Ci 3)	ustomized Polygona	al Models, (Computer Scien	ce and	, D., Arsić, S., <i>Softwa</i> I Information Systems,	, Vol. 10, No.	M23
10.	Dragan, Mitic Jelen Geometrical Mode 10.1155/2018/6025	a, <i>Software</i> els, JOURN 935, LOND	Framework for the VAL OF HEALTH OON, 2018.	e Creation of ICARE EN	and Application GINEERING,	of Pe	Miodrag, Trajanovic Mi ersonalized Bone and I AWI LTD, issn: 204	Plate Implant 40-2295, doi:	M23
	EXPERT SYSTEM	, FACTA UI	NIVERSITATIS Ser	ries: Mechan	ical Engineering	, Univ	MATERIAL SELECT ersity of Niš, , vol. 15, r 0.22190/FUME1607230	no. 1, pp. 133 -	M24
	lative data on the								
	number of citation	•			urce Scopus)				
	number of papers of		(or SSCI) list	11		ı			
	nt participation in p			Domes	stic: 2	Inte	ernational: 2		
	sional developmen		ı						
Other	information consid	dered relev	ant						

First na	ame and surnam	ne	GORAN S. PE	<u>TROVIĆ</u>				
Rank			Associate profes	ssor				
Speciali	ized scientific fic	eld	Transport Engin	eering and	Logistics			
Acaden	nic career	Year	Institution		Specialized so	ientific field		
Election	to rank	2019	Faculty of Mechan Engineering in Ni		Transport Eng	ineering and Logistics		
Doctorat	te	2013	Faculty of Mechan Engineering in Ni		Transport Eng	ineering and Logistics		
Magister		2006	Faculty of Mechan Engineering in Ni		Transport Eng	ineering		
Master's								
Enginee	r's degree	2000	Faculty of Mechan Engineering in Ni		Mechanical De	esign and Mechanization		
	dissertations-do in the previous				ssor is curren	tly engaged or was enga	nged as a doct	oral
	Dissertation-doc		0316	Candidate	e's name	*submitted proposal	**defended	
1.	"Development of municipal solid wheuristic method	waste mana		Danijel M	I arković	120	24/08/2018	
doctoral		The year in	n which the disser			bmitted (only for ongoing was defended (only for		,-
classific	cation of the cor	respondin	g Ministry of Ed	ucation, S	cience and Te	e given study programn chnological Developmen not more than 20)		
						model of complex degrade, No. 6, pp. 412-420.	ed systems: A	M22
2 Po	etrović G., Ćojbaši	ć Ž., Marinl	ković D.: <i>Optimal pr</i>	reventive ma	intenance of ref	<i>Suse collection vehicles using</i> 701.6, No.16, pp. 3485-3497.	g probabilistic	M22
3. <i>th</i>		f unconstra	iined functions usi			I harmony search algorith design, Scientific Researc		M22
4. N	Marinković Z., Mar Triven mechanisms	rinković D., , Technical	Petrović G., Milić Gazette (2012)Vol.	P.: <i>Modelin</i> 19, No. 4, p	g and simulatio p. 717-725. (M2	n of dynamic behavior of 6 3-IF2011: 0.347)	electric motor	M22
						<i>metaheuristic maintenance o</i> mena(2012) Vol. 36, No. 4, pp		M23
o. pi	rocesses of pipe bra	ınch for sup	ply water to the Pelto	on turbine, T	Thermal Science(2	d and experimental analys. 2012) Vol. 16, supp. 2, pp. Sc	617-S629.	M23
/. w	vaste collection veh	icles in sout	theast region of Serl	<i>bia</i> , Thermal	Science (2016)	decision making of alternative Vol. 20, supp. 5, pp. S1585-	S1598.	M23
o. a	nd logistics decisio	on making p	problems, Expert Sy	stems with	Applications(20)	aking rule generation: Solv 18)Vol. 106, pp. 263-276.		M21a
9. o _l	ptimizing industric	al waste tree	atment facility locat	tion, Therma	al science (2019)	of transport-related CO ₂ Vol. 23, No. 3, pp. 1957-1	967.	M23
10. <i>oj</i>	f hydraulic excava	tors, Facta	Universitatis series	Mechanical	Engineering(201	mental analysis of the dyn 18)Vol. 16,No. 2, pp. 157 -	170	M24
11. n j	роцеси са приме ниверзитетски уџ	енама [Qu беник, Уни	antitative logistics пверзитет у Нишу I	 probabilities Faculty of M 	ity, statistics an lechanical Engin		application],	-
12. 66 m N	ероватносних м naintenance proce Mechanical Enginee	nemoda u ess based on ering in Niš,	вештачке инте n probability metho . Универзитет у Ни	елигенције ods and arti шу, 2013.	[Multi-objectiv ificial intelligen	ньа техничких систем e optimization of technology, докторска дисертаци	ical systems ja, Faculty of	M70
13. n ₁	рактикум модул SIETLU module	a SIETLU [workbook],	Sustainable, intelli Универзитет у Ни	gent and en шу Машино	vironmental tra	и и логистика у урбаном nsport and logistics in the 1 019.		-
			activity of the pr					
	umber of citation				irce Scopus)			
	umber of papers of		(or SSCI) list	9	<u> </u>			
Current	participation in p	projects		Domes	stic: 1	International: 0		

Professional development

- Institute of Logistics and Material Flows at the University of Magdeburg (09/04/2005 24/04/2005), logistics seminar teaching development in the field of logistics;
- Institute of Transport Engineering and Logistic Systems at the University of Karlsruhe (01/02/2006 01/05/2006), study visit teaching development in the field of logistics.

Other information considered relevant



	name and surna	me	GORAN M. R.	<u>ADENKO</u>	<u>VIĆ</u>			
Ranl	κ		Associate profe	essor				
	ialized scientific f	ïeld	Production Syst		echnologies			
	lemic career	Year	Institution		Specialized scient	ific field		
Elect	ion to rank	2019	Faculty of Mecha Engineering in N		Production System	as and Technologies		
Doct	orate	e 2001		ology and lgrade	Metallic Structure,	Physical Metallurgy,	Electrochemistry	ī
	ster degree	1988	Faculty of Mecha Engineering in N		Metallic Structure,	Heat Treatment		
	er's degree							
Ü	neer's degree	1979	Faculty of Mecha Engineering in N	iš	Energy Engineerin			
	of dissertations-desor in the previou		projects in which	h the profe	essor is currently e	engaged or was eng	aged as a doct	oral
№	Dissertation-do	ctoral art p	roject title	Candidat	e's name	*submitted proposal	**defended	
1.	"Biomaterial se decision analys decision suppor	is and deve		Dušan Pe	etković	130	24/02/2017	
2.	"Analysis of th rubber powder structure of rub	on the prop	perties and	Petar Đel	kić	11-7	14/12/2017	
				lucation, S	cience and Techno	ven study program ological Developme		
				CI D WILLIAM	the field of the gr	ven study program	me in iine wiu	
	the additional sta	andard req njatovic Ivai	uirements for the M, Savic V, Djek	lucation, S e given fiel ic Petar S, I	cience and Technod (minimum 5 not Radenkovic Goran M	ological Developme t more than 20) I, Mechanical proper	ent, in accorda	
with	the additional statePotic Milan B, Ignationreinforcement of µД. Петковић, Г.plates, FACTA U	andard req njatovic Ivan polypropylen Paденковић JNIVERSIT	n M, Savic V, Djek he grafts used for pe h, M. Митковић, F ATIS, Series Mech	lucation, See given field ic Petar S, Interest Interest in Section 19 Per le section de la section d	cience and Technod (minimum 5 not Radenkovic Goran Mpair-an experimentatic investigation of f	ological Developme t more than 20)	ent, in accorda ties and tissue 11), 685-690. eel orthopedic	nce
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1. 2.	the additional state Potic Milan B, Ignation February Technology	ndard req njatovic Ivar polypropylen Раденковић UNIVERSITA 2012., pp. 7 , N. Trutic, S surface in pp. 451 – 45' Madić, G. R	n M, Savic V, Djek the grafts used for pe th, M. Митковић, F ATIS, Series Mech — 14. S. Sunaric, J. Popovi vitro: application of 7 (2015), 1011-7571 adenković, Selectio	lucation, S e given fiel ic Petar S, I elvic floor representation Engine c, P. Djekic, of stylus pro on of the mo	cience and Technod (minimum 5 not) Radenkovic Goran Magair-an experimental ic investigation of fineering, FACTA UNITED (G. Radenkovic, A, Infilometry, MEDICA)	blogical Development more than 20) I. Mechanical properal study, Hernia 15 (20) Gailure in stainless staniversity Series Mitic, Erosive effect of the PRINCIPLES ANIventional machining	ent, in accorda ties and tissue 11), 685-690. eel orthopedic es Mechanical f different soft D PRACTICE,	M22 M51
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Professional development:	
Other information considered relevant	



			<u>ŽIVAN T. SP</u>	TIDIC				
Rank			Associate prof	essor				
Speci	alized scientific fi	eld	-		Fluid Mechanics			
Acad	emic career	Year	Institution		Specialized scientific field			
Electi	on to rank	2019	Faculty of Mech Engineering in N		Theoretical and A	pplied Fluid Mechanics	S	
Docto	rate	2012 Faculty of Mechanical Engineering in Niš Theoretical and Applied Fluid Mech		pplied Fluid Mechanics	S			
Magis	ter degree	1992	Faculty of Mech Engineering in N		Hydropower Engi	neering		
Maste	r's degree							
	eer's degree	1985	Faculty of Mech Engineering in N	Viš	Energy Engineering			
	of dissertations-do or in the previous		projects in which	ch the prof	fessor is currently	engaged or was eng	aged as a doct	toral
No	Dissertation-doo	ctoral art p	roject title	Candidat	e's name	*submitted proposal	**defended	
			13.					
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1.		bly curved p	profiles of blades, .			formance of low-press d Technology 32 (8) (2		M2:
2.		ić S., Šušte <i>efficiency</i> ,	ršič V., Nikolić B		sure reversible axial 2012, Vol. 16,	fan with straight profi Suppl.2, pp. S593	ile blades and -S603 (DOI:	M23
3.		ational spe	ed of an axial far			duction motor winding Vol. 20, Suppl. 5, pp.		M23
4.		tary stag				I fan designed with dif Suppl.2, pp. S605		M23
5.	Bogdanović-Jovano	ović Jasmin ower Recov	ery, Energy Effici			ović Božidar, Spasić Ž cience, Year 2014, Vol		M22
6.	Jasmina Bogdanov	ić-Jovanovi rating with	ć, Dragica R. Mil			n M. Svrkota, <i>Perforn</i> Suppl. 5, pp. S1435		M23
7.		ction of Pne	eumatic Transport	of Powder		cience, (2018), vol. 22		M22
8.		Emissions,	Thermal Scien			sić Živan T., <i>Effect oj</i> , Suppl. 5, str.		M22
9.		oubly curve	d blade profiles o	n the revers	sible axial fan charao	ić, <i>Numerical investi</i> eteristics, Facta Univer		M2 ²
10.	axisymmetric flow Facta Universita (https://doi.org/10.2	surfaces as tis, Series 22190/FUM	nd meridian streats: Mechanical E170911026B)	mlines in the Engineerin	he centrifugal pump ng Vol. 15, NO	*	lation results, 79 – 493.	M24
11.	the Influence of T	<i>ip Clearan</i> bia, Sokoba	ce on Reversible 2	Axial Fan (Characteristics, 16 th S	vanović, <i>Numerical In</i> Symposium on Therma 055-043-1 (Book Abst	al Science and	M33
	Froceedings. CD p	200-272).						

Total number of papers on the SCI (or SSCI) list	8		
Current participation in projects	Domestic: 2	International: 0	
Professional development			
Other information considered relevant			



Rank Speci	name and surna		<u>ŽIVOJIN M. S</u>	STAMENI	<u>KOVIC</u>			
Speci			Associate profe	ssor				
Specia	alized scientific	field	Theoretical and	Applied F	luid Mechanics			
Acado	emic career	Year	Institution		Specialized scient	ific field		
Election	on to rank	2019	2019 Faculty of Mechanical Theoretical and Applied Fluid Mechanics Engineering in Niš					
Doctor	rate	2013	Faculty of Mecha Engineering in N		Theoretical and A	oplied Fluid Mechanics		
	ter degree							
	r's degree							
Ü	eer's degree	1998	Faculty of Mecha Engineering in N	iš	Automatic Control			
	of dissertations-d or in the previou		projects in whic	h the prof	essor is currently	engaged or was enga	ged as a doct	oral
№	Dissertation-do	octoral art p	roject title	Candidat	e's name	*submitted proposal	**defended	1
1.	"Magentohydro transfer in poro			Jelena Pe	etrović	7	31/05/2019	ı
2.	"Research of m and heat transf		rodynamic flow polar fluids"	Miloš Ko	ocić	18	07/06/2019	
doctor Categ classi	ral art projects frogorization of the fication of the co	om the prev publication presponding	ious period) n of scientific par ng Ministry of Ed	ers within	the field of the gi	ven study programmological Development	ne in line with	
1.	Živojin M. Stame	nković, Milo in the prese	oš M. Kocić, Jelena ence of electric and	D. Petrović	, Milica D. Nikodije	vić, <i>Flow and heat tran</i> al Science, (2018), vol.		M22
2.	Miloš M. Kocić,	Živojin M alls on MHL	. Stamenković, Jel Oflow and heat tran			ikodijević, <i>Influence</i> al Science, (2018), vol.		M22
3.					The CFD modeling 837 - 850, ISSN 035	of two-dimensional tur 4-9836.	bulent MHD	M22
4.			vić P., Ilić G.: <i>Effe</i> try Journal (2014) V		00	e Shell-and-Tube Hea	t Exchanger	M23
5.						ydrodynamic flow and 1417, ISSN 0354-9836.	heat transfer	M23
6.	International Journ	nal of Non-L	inear Mechanics, V	olume 73, Ju	ıly 2015, Pages 75-84			M21
					ović, Heat transfer	in micropolar fluid flo	w under the	
7.					, Suppl. 5 pp. S1391-	S1404, ISSN 0354-9836	5	M22
7. 8.	of Three Immisci 1019-1028. ISSN	ša, Stamenko ble Fluids ir 0354-9836.	ović Živojin, Jovano the Presence of U	ović Miloš, l niform Mag	, Suppl. 5 pp. S1391- Kocić Miloš, Nikodije Inetic Field, Therma	ević Jelena, <i>Flow and E</i> I Science, (2014), Vol. 1	Teat Transfer 18, No. 3, pp.	M22
	of Three Immisci 1019-1028. ISSN Dragiša Nikodijev heat transfer of t engineering, Volu	ša, Stamenko ble Fluids in 0354-9836. vić, Živojin wo immiscib me 2011, Ar	ović Živojin, Jovano a the Presence of U Stamenković, Drag le fluids in the pre- ticle ID 132302, 18	ović Miloš, l niform Mag ica Milenko sence of un pages, ISSN	, Suppl. 5 pp. S1391- Kocić Miloš, Nikodij gnetic Field, Therma ović, Bratislav Blago iform inclined magn I: 1024-123X.	ević Jelena, <i>Flow and E</i> l Science, (2014), Vol. jević, Jelena Nikodijev <i>etic field</i> , Mathematica	Teat Transfer 18, No. 3, pp. ic, Flow and 1 problems in	
8.	of Three Immisci 1019-1028. ISSN Dragiša Nikodijev heat transfer of t engineering, Volu Nikodijević Drag presence of unifo 1535, ISSN: 0947	ša, Stamenk ble Fluids in 0354-9836. vić, Živojin wo immiscib me 2011, Ar iša, Milenko rm inclined -7411.	ović Živojin, Jovano the Presence of U Stamenković, Drag le fluids in the preside ID 132302, 18 vić Dragica, Stame magnetic field, HEA	ović Miloš, l niform Mag ica Milenko sence of un pages, ISSN nković Živo AT & MASS	, Suppl. 5 pp. S1391- Kocić Miloš, Nikodij gnetic Field, Therma ović, Bratislav Blago iform inclined magn I: 1024-123X. Djin, MHD Couette S TRANSFER, Volu	ević Jelena, <i>Flow and E</i> l Science, (2014), Vol. jević, Jelena Nikodijev tetic field, Mathematica two-fluid flow and hea me 47, Number 12 (201	deat Transfer 18, No. 3, pp. ic, Flow and 1 problems in tt transfer in 11), pp. 1525-	M22
8. 9.	of Three Immisci 1019-1028. ISSN Dragiša Nikodijev heat transfer of t engineering, Volu Nikodijević Drag presence of unifo 1535, ISSN: 0947 Nikodijević Drag two-dimensional	ša, Stamenk ble Fluids in 0354-9836. vić, Živojin wo immiscib me 2011, Ar iša, Milenko rm inclined -7411. iša, Nikolić MHD bour	ović Živojin, Jovano the Presence of U Stamenković, Drag le fluids in the presticle ID 132302, 18 vić Dragica, Stame magnetic field, HEA Vlastimir, Stamenk	ović Miloš, l niform Mag ica Milenko sence of un pages, ISSN nković Živo AT & MASS ović Živoji body for v	, Suppl. 5 pp. S1391- Kocić Miloš, Nikodij gnetic Field, Therma ović, Bratislav Blago iform inclined magn i: 1024-123X. ojin, MHD Couette S TRANSFER, Volu n, Boričić Aleksanda which temperature	ević Jelena, Flow and Ed Science, (2014), Vol. ijević, Jelena Nikodijevietic field, Mathematica two-fluid flow and head	deat Transfer 18, No. 3, pp. ic, Flow and 1 problems in tt transfer in 11), pp. 1525- for unsteady	M22
8. 9.	of Three Immisci. 1019-1028. ISSN Dragiša Nikodijevi heat transfer of the engineering, Voluto Nikodijević Dragpresence of unifor 1535, ISSN: 0947 Nikodijević Dragtwo-dimensional MECHANICS, (2) Stamenković Živo Two Immiscible in 1019-1028.	ša, Stamenko ble Fluids in 0354-9836. Vić, Živojin wo immiscib me 2011, Ar iša, Milenko rm inclined -7411. iša, Nikolić MHD bour 011), Vol. 60 jin, Nikodij Fluids Betw	ović Živojin, Jovano the Presence of U Stamenković, Drag le fluids in the presticle ID 132302, 18 vić Dragica, Stame magnetic field, HEA Vlastimir, Stamenk adary-layer on a 3 No. 1, pp. 57-76. I ević Dragiša, Blago	ović Miloš, I niform Mag ica Milenko sence of un pages, ISSN nković Živoji AT & MASS ović Živoji body for w SSN 0373-2 ojević Bratis , Transactio	, Suppl. 5 pp. S1391- Kocić Miloš, Nikodije gnetic Field, Thermal ović, Bratislav Blago iform inclined magna i: 1024-123X. ojin, MHD Couette S TRANSFER, Volu n, Boričić Aleksanda which temperature 2029.	ević Jelena, Flow and Fall Science, (2014), Vol. ilević, Jelena Nikodijevietic field, Mathematica two-fluid flow and head me 47, Number 12 (201 ar, Parametric method	Jeat Transfer 18, No. 3, pp. ic, Flow and 1 problems in at transfer in 11), pp. 1525- for unsteady CHIVES OF	M22
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15

Total number of papers on the SCI (or SSCI) list

Current participation in projects	Domestic: 2	International: 0	
Professional development			
Other information considered relevant			



First name and surname			MILOŠ S. STOJKOVIĆ						
Rank			Associate professor						
Specialized scientific field			Production Systems and Technologies						
Academic career Year			Institution Specialized scientific field						
Election to rank 2018		2018	Faculty of Mechanical Engineering in Niš		Production Systems and Technologies				
Doctorate 2011		2011	Faculty of Mechanical Engineering in Niš		Production Systems and Technologies				
Magister degree 2002		2002	Faculty of Mechanical Engineering in Niš		Production Systems and Technologies				
	er's degree								
Engineer's degree 1996		1996	Faculty of Mechanical Engineering in Niš		Production Systems and Technologies				
	of dissertations-d for in the previou				essor is currently e	ngaged or was eng	aged as a doct	toral	
№	Dissertation-doctoral art p		roject title Candidate		e's name	proposal	**defended		
		//	CB.		t project was submit	12			
Cate	ification of the co the additional st	publication prresponding andard req	n of scientific pa ng Ministry of E Juirements for th	ducation, s ne given fie	n the field of the giv Science and Techno eld (minimum 5 not	ological Developme more than 20)	nt, in accorda		
1.					, Trajanovic, M., Arsic Tibia , Tehnički vjesn			M23	
2.	Vitković, N., Stojković, M., Majstorović, V., Trajanović, M., Milovanović, J., (2018). <i>Novel design approach for the creation of 3D geometrical model of personalized bone scaffold</i> , CIRP Annals. 67 (1), 177-180								
3.	Husain, K. N., Stojkovic, M., Vitković, N., Milovanović, J., Trajanović, M., Rashid, M., (2019). <i>Procedure for Creating Personalized Geometrical Models of the Human Mandible and Corresponding Implants</i> , Tehnički vjesnik / Technical Gazette 26(4), 1044-1051							M23	
4.	Trifunovic, M., Stojkovic, M., Trajanovic, M., Manic, M., Misic, D., & Vitkovic, N. (2016). <i>Analysis of semantic features in free-form objects reconstruction. Artificial Intelligence for Engineering Design</i> , Analysis and Manufacturing 30(1), 44-63							M23	
5.	Stojkovic, M., Trifunovic, M., Misic, D., & Manic, M. (2015). <i>Towards Analogy-Based Reasoning in Semantic Network</i> . Computer Science and Information Systems, 12(3), 979-1008							M23	
6.	Trifunovic, M., Stojkovic, M., Misic, D., Trajanovic, M., & Manic, M., (2015). <i>Recognizing Topological Analogy in Semantic Network</i> . International Journal on Artificial Intelligence Tools (IJAIT), 24 (3), 1550006-1 - 1550006-25							M23	
7.	Trifunović, M., Stojković, M., Trajanović, M., Manić, M., (2015). Semantic interpretation of geometric and technological features. Chapter 11 In: Cus, F., Gecevska, V., Chiampo, F. eds., <i>Methods and techniques for industrial development</i> , University of Maribor, Faculty of Mechanical Engineering in Maribor and Politecnico di Torino, ISBN 978-961-248-493-4, 145 - 165							M14	
8.	Majstorovic, V., Trajanovic, M., Vitkovic, N., Stojkovic, M., (2013). Reverse engineering of human bones by using method of anatomical features, CIRP Annals - Manufacturing Technology, CIRP, 62 (1), 167–170							M21a	
9.	Korunović, N., Trajanović, M., Stojković, M., Vitković, N., Trifunović, M., Milovanović, J., (2012). Detailed vs. <i>Simplified Tread Tire Model for Steady-State Rolling Analysis</i> , Strojarstvo: časopis za teoriju i praksu u strojarstvu, 54(2), 153-160							M23	
10.	Zdravković, M., Trajanović, M., Stojković, M., Mišić, D., Vitković, N. (2012). A case of using the Semantic Interoperability Framework for custom orthopedic implants manufacturing, Annual Reviews in Control, 36 (2) 318–326							M22	
11.	Milovanovic, J., Stojkovic, M., Trajanovic, M. (2012). <i>Metal Laser Sintering For Rapid Tooling In Application To Tyre Tread Pattern Mould</i> . Chapter 4 In: Shatokha V, editor. Sintering - Methods and Products, InTech , ISBN 978-953-51-0371-4, 73-90								
12	Stojkovic M., Trifunovic, M., Vitkovic, N., Milovanovic, J., Trajanovic, M., Arsic, S., Mitkovic, M., (2018). <i>User Defined Geometric Feature for Creation of Femoral Neck Enveloping Surface</i> , Facta Universitatis, Series: Mechanical Engineering, (DOI 10.22190/FUME 171229020S) M24								
	ulative data on t								
	number of citatio				itations in 111 docur	ments, h -index = 7 (source Scopus))	
Total	number of papers		(or SSCI) list	27					
	4			Dome	estic: 1 Inte	ernational: 0			
	ent participation in ssional developm			Donie	interest in the second	emanonai. U			

und Entwicklungsgesellschaft; 2005 – Condensed training programme in the field of management, marketing and mentoring at the Manchester Business School in Great Britain; 2010 – Training programme (NC-SMILL-H/T) for an instructor for Siemens certified centres for training programmers of numerically controlled machine tools with Siemens control units Sinumerik 810/840D and 828D, Erlanger, Germany, 2011 – Special educational programme in the field of tissue engineering: "Stem cells and modern medicine" at the Faculty of Medicine in Niš

Other information considered relevant



First name and surname			MILAN S. BANIĆ						
Rank			Assistant professor						
Specialized scientific field			Mechanical Design						
Academic career Year			Institution Specialized scientific field						
Election to rank 2016		2016	Faculty of Mechanical Engineering in Niš		Mechanical Design				
Doctorate 2015		Faculty of Mechanical Engineering in Niš		Mechanical Design					
Magis	ster degree								
Maste	er's degree								
Engineer's degree 2006		Faculty of Mechanical Engineering in Niš		Mechanical Design					
	of dissertations-do or in the previous		projects in which	h the profe	essor is curre	ently engaged or was e	engaged as a doct	toral	
№	Dissertation-doc	•	roject title Candidate		e's name	*submitted proposal	**defended		
			(8)6	PVI	- A V				
docto		The year i	n which the disser			submitted (only for ong ect was defended (only		;- 	
classi	ification of the cor	respondin	ng Ministry of Ed	lucation, S	cience and T	the given study progra Technological Develop a 5 not more than 20)			
1.	Tomović R., Miltenović V., Banić M., Miltenović A: <i>Vibration Response of Rigid Rotor in Unloaded Rolling Element Bearing</i> ; International Journal of Mechanical Sciences (ISSN 0020-7403), 59/9 (2010), pp. 1176 - 1185.								
2.	Manić M., Miltenović V., Stojković M., Banić M.: <i>Feature Models in Virtual Product Development</i> ; Strojniški Vestnik - Journal of Mechanical Engineering (ISSN 0039-2480), 56/3 (2010), pp. 169 - 178.								
3.	Stamenković D., Milošević M., Mijajlović M., Banić M.: <i>Recommendations for the estimation of the strength of the railway wheel set press fit joint</i> ; Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit (ISSN 0954-4097), 226/1 (2012), pp. 48 - 61.							M23	
4.	Stamenković D., Milošević M., Mijajlović M., Banić M.: <i>Estimation of the Static Friction Coefficient for Press Fit Joints</i> ; Journal of The Balkan Tribological Association (ISSN 1310-4772), 2011/3 (2011), pp. 341 - 355.							M23	
5.	Ranić M. Stamenković, D. Miltenović, V. Milošević, M. Miltenović, A. Piekić, P. Rackov, M.: Prediction of Heat							M22	
6.	Živković D. Milšić D. Ranić M. Milosayljavić D.: Thormomochanical Finite Floment Analysis of Hot Water Railer							M22	
7.	Miltenović A., Nikolić V., Milovancević M., Banić M.: <i>Experimental and FEM Analysis of Sintered Steel Worm Gear Wear</i> ; Transactions of Famena (ISSN 1333-1124), 36/4 (2012), pp. 85 - 96.							M23	
8.	Rackov M., Milovancevic M., Kanovic Ž., Vereš M., Rafa K., Banić M., Miltenović A.: <i>Optimization of HCR Gearing Geometry Using Generalized Particle Swarm Optimization Algorithm</i> ; Tehnički Vjesnik-Technical Gazette (ISSN 1330-3651), 21/4 (2014), pp. 723-732.							M23	
9.	Miltenović D., Milan T., Miltenović A., Banić M., Živković S., Mišković Ž.: <i>Pitting of Tooth Flanks of Crossed Helical Gears Made of Sintered Steel</i> ; Transactions of Famena (ISSN 1333-1124), 38/4 (2014), pp. 77 - 88.							M23	
10.	Miltenović A., Nikolić V., Banić M.: Wear Load Capacity of Crossed Helical Gears With Wheel Made From Sintered Steel; Science of Sintering (ISSN 0350-820X), 47 (2015), pp. 153 – 163.							M23	
11.	Hedrih A., Banić M.: The effect of friction and impact angle on the spermatozoa-oocyte local contact dynamics; Journal of Theoretical Biology (ISSN 0022-5193), 393 (2016), pp. 32-42.							M21	
12.	Milosević M., Banić M., Stamenković D., Pavlović V. Tomić M., Miltenović A.: <i>Distribution of Generated Friction Heat at Wheel-Rail Contact During Wheel Slipping Acceleration</i> ; Thermal Science (ISSN 0354-9836), 20/Suppl. 5 (2016), pp. S1561-S1571							M22	
13.	Rajić M., Banić M., Živkovic D., Tomić M., Mančić M.: Construction Optimization of Hot Water Fire-Tube Boiler Using Thermomechanical Finite Element Analysis; Thermal Science (ISSN 0354-9836), 22/Suppl. 5 (2018), pp. S1511-S1523								
Cum	ulative data on the	e scientific	activity of the p	rofessor					
	number of citation			,	urce Scopus)				
	number of papers of		(or SSCI) list	14					
	ent participation in p			Domes	stic: 1	International: 3			
	ssional developmen O (Karlsruhe Institute		ogy, University of B	remen); CE	EPUS (11 univ	versities), ERASMUS KA	1.		
		dered relev				р технологија Универзип			

First name and surname		JASMINA B. BOGDANOVIĆ-JOVANOVIĆ					
Rank Specialized scientific field		Assistant professor	Assistant professor				
		Theoretical and Applied Fluid Mechanics					
Academic career Year		Institution	Specialized scientific field				
Election to rank	2015 Faculty of Mechanical Engineering in Niš		Theoretical and Applied Fluid Mechanics				
Doctorate	2014	Faculty of Mechanical Engineering in Niš	Theoretical and Applied Fluid Mechanics				
Magister degree							
Master's degree							
Engineer's degree	2000	Faculty of Mechanical Engineering in Niš	Hydropower Engineering				

List of dissertations-doctoral art projects in which the professor is currently engaged or was engaged as a doctoral advisor in the previous 10 years

No	Dissertation-doctoral art project title	Candidate's name	*submitted proposal	**defended
	(8)		2	

^{*}The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period)

Categorization of the publication of scientific papers within the field of the given study programme in line with the classification of the corresponding Ministry of Education, Science and Technological Development, in accordance with the additional standard requirements for the given field (minimum 5 not more than 20)

1.	J. Bogdanović-Jovanović, B. Bogdanović, D. Milenković, <i>Determination of averaged axisymmetrical flow surfaces according to results obtained by numerical simulation of flow in turbomachinery</i> , Thermal Science (2012), Vol. 16, Suppl. 2, pp. 647-662.	M23
2.	B. Bogdanović, Ž. Spasić, J. Bogdanović-Jovanović, <i>Low-pressure reversible axial fan designed with different specific work of elementary stages</i> , Thermal Science (2012), Vol. 16, Suppl. 2, pp. 675-686.	M23
3.	J. Bogdanović-Jovanović, Ž. Stamenković, M.Kocić, <i>Experimental and numerical investigation of flow around a sphere with dimples for various flow regimes</i> , Thermal Science (2012), Vol.16, No.4, pp.1113-1126.	M23
4.	J. Bogdanović-Jovanović, B. Bogdanović, I. Božić, <i>Design of small bulb turbines with unequal specific work distribution of the reunner's elementary stages</i> , Facta Universitatis, series: Mechanical Engineering (2014), Vol.12, No1, str.73-84.	M24
5.	J. Bogdanović-Jovanović, D. Milenković, D. Svrkota, B. Bogdanović, Ž. Spasić, <i>Pumps used as turbines - Power Recovery, Energy Efficiency, CFD Analysis</i> , Thermal Science (2014), Vol. 18, No. 3, pp. 1029-1040.	M22
6.	J. Bogdanović-Jovanović, D. Milenković, Ž. Spasić, D. Svrkota, <i>Performance of low-pressure Fans Operating with hot air</i> , Thermal Science (2016), Vol. 20, Suppl. 5, pp. S1435-S1447.	M23
7.	M.Kocić, J. Petrovic, Ž. Stamenović, J. Bogdanović-Jovanović, <i>Heat transfer in micropolar fluid flow under the influence of magnetic field</i> , Thermal Science (2016), Vol. 20, Suppl. 5 pp. S1391-S1404.	M23
8.	J. Bogdanović-Jovanović, D. Milenković, Ž. Stamenković, Ž.Spasić, <i>Determination of averaged axisymmetric flow surfaces and meridian streamlines in centrifugal pump using numerical simulation results</i> , Facta Universitatis, series: Mechanical Engineering (2017), Vol.15, No3, str.479-493.	M24
9.	Ž. Spasić, M. Jovanović, J. Bogdanović-Jovanović, <i>Design and performance of low-pressure reversible axial fan with doubly curved profiles of blades</i> , Journal of Mechanical Science and Technology(2018), 32 (8), pp.3707-3712.	M23
10.	M.Laković, M. Banjac, J. Bogdanović-Jovanović, M.Jović, <i>Risk of Thermal Pollution of the Danube Passing Through Serbia Due to Thermal Power Plants</i> , Thermal Science (2018), Volume 22, Sup. 5, pp.S1323-S1336.	M22

Cumulative data on the scientific activity of the professor

Total number of citations, excluding self-citations	24 (source Scopus)	
Total number of papers on the SCI (or SSCI) list	9	
Current participation in projects	Domestic: 2	International: 0

Professional development

- TEMPUS Workshop organized by the Faculty of Mechanical Engineering in Kragujevac (Restructuring of Mechanical Engineering studies, CD_JEP-18114-2003), Computational Fluid Dynamics, OpenFOAM and ParaView), Kragujevac, from May 29 to June 2, 2006.
- PhD course titled "The Second PhD Course Computational Engineering", funded by DAAD within the Stability Pact for South Eastern Europe, Pamporovo, Bulgaria, June 10–15, 2006.
- PhD course titled "SimLab Short Course on Numerical Simulation and Parallel Computing Belgrade 2006", from October 1 to October 7, 2006.
- International Workshop for Laser Flow Measurements, organized by the Faculty of Mechanical Engineering, University of Belgrade, June 2011.



First name and surname		NIKOLA M. VITKOVIĆ						
Rank				Assistant professor				
Speciali	zed scientific field		Production	on Systems and	Technologies			
Academ	nic career	Year	Institutio	n	Specialized sc	ientific field		
Election	to rank	2017		Faculty of Mechanical Engineering in Niš Production Systems and Technologies			}	
Doctorat	te	2016	Faculty of Engineeri	f Mechanical ng in Niš	Production Sys	stems and Technologies	:	
Magister	r degree							
Master's	s degree	2001	Engineeri			stems and Technologies		
	r's degree	2001	Engineeri		_	stems and Technologies		
	dissertations-doctoral in the previous 10 ye		ets in whic	th the professo	r is currently e	engaged or was enga	ged as a docto	oral
No॒	Dissertation-doctora		et title	Candidate's n	ame	*submitted proposal	**defended	
	/	_	CS.			15		
doctoral art proje Categor classific	ar in which the propos art projects), **The yearts from the previous prization of the publication of the correspond additional standard	ear in which period) ation of scienting Min	h the disse entific par istry of Ed	rtation-doctora pers within the ducation, Scien	field of the givenee and Technology	s defended (only for over study programmological Development	lissertations-do	the
1.	Korunović, N., Fragass material models applied	a, C., Marin	ković, D., V	/itković, N., & T	rajanović, M. (20)19). Performance eval	luation of cord	M21
2.	Husain, K.N., Stojkovi <i>Procedure for Creatin</i> , Tehnički vjesnik, 26 (4	ć, M., Vitko g Personaliz	ović, N., M zed Geomet	lilovanović, J., T	Trajanović, M., F the Human Ma	Rashid, M. i Milovanov ndible and Correspond		M23
3.	Vitković N, Stojković creation of 3D geome. M21a, DOI: https://doi.	trical model	l of person	alized bone scaf	fold, CIRP Ann			M21
4.	Stojkovic Milos, Vese Mitkovic Milorad, <i>Rev</i> Technical Gazette, UN SLAVONSKI BROD,	<i>erse Modell</i> IV OSIJEK,	ing of Hun	nan Long Bone:	s Using T-Spline	es - Case of Tibia, Tel	nnicki Vjesnik-	M23
5.	Mišić D, Zdravković N Recovery by Using Aw 5, No. 6, pp. 4466-4473	are, Sensing	g, Smart, an	d Active Orthope	edic Devices" in			M21
6.	Vitkovic Nikola, Mlade Dragan, Mitic Jelena, <i>Implant Geometrica</i> 10.1155/2018/6025935	Software F l Models, LONDON,	<i>Tramework</i> Journal 2018.	for the Creation of Healthcan	n and Application Engineering	on of Personalized Bo , HINDAWI LTD,	one and Plate , 2040-2295,	M23
7.	Trifunovic, M., Stojko features in free-form Manufacturing (AI ED	objects r AM), Vol. 30	econstruction, No. 1, pp.	on, Artificial I . 44-63, DOI: htt	ntelligence for p://dx.doi.org/10.	Engineering Design, 1017/S0890060415000	Analysis and 0153	M23
8.	Vitković, N., Mitić, J., the Human Mandible Mathematical Methods	e Coronoid	Process	Created by Me	thod of Anaton		•	M23
9.	Majstorovic, V., Trajar method of anatomical j	novic, M., V features, CII	itkovic, N., RP Annals -	, Stojkovic, M., Manufacturing	2013 Reverse en Fechnology, Vol.	62, No. 1, pp. 167–170)	M21
10.	Vitković N, Milovanov Creation of Human Fe 3, pp.1473-1497, M23,	mur Custon DOI: 10.229	nized Polyg 98/CSIS121	onal Models , Co 004058V , IF201	omputer Science a 13:0.575	and Information System	s, Vol. 10, No.	M23
11.	Zdravković. M., Trajano Framework for custom						Interoperability	M21
Cumula	tive data on the scien	tific activi	ty of the p	orofessor				
Total nu	imber of citations, excl	uding self-	citations	266 (Go	ogle Scholar)			
Total nu	imber of papers on the	SCI (or SS	CI) list	16				

Current participation in projects	Domestic: 2	International: 3
Professional development		
Other information considered relevant		



Rank	First name and surname		GORAN D. V	<u>UČKOVIĆ</u>							
Rank			Assistant profe	ssor							
Spec	ialized scientific	field	Thermal Engin	Thermal Engineering, Ther		d Process Engineering	g				
Acad	lemic career	Year	Institution		Specialized scie	ntific field					
Electi	ion to rank	2016	Faculty of Mecha Engineering in N		Thermal Engineer Engineering	ering, Thermoenergetics	and Process				
Docto	orate	2013	Faculty of Mecha Engineering in N		Thermal Engineering	ering, Thermoenergetics	and Process				
Magi	ster degree	2004	Faculty of Mecha Engineering in N		Thermal Engineering	ering, Thermoenergetics	and Process				
Maste	er's degree										
Engir	neer's degree	1996	Faculty of Mecha Engineering in N		Thermal Engineering	ering, Thermoenergetics	and Process				
	of dissertations-c sor in the previous			ch the profe	essor is currently	y engaged or was en	gaged as a doc	ctoral			
№	Dissertation-de	octoral art p	project title	Candidate	's name	*submitted proposal	**defended	1			
	+		18,0	100		2					
with	Mitrović D., Stoja	anović B., Ja	nevski J., Ignjatovio	ć M., Vučkov	vić G., Exergy and	ot more than 20) exergoeconomic analy	vsis of a steam	M2:			
	Mitrović D., Stoja	anović B., Ja	nevski J., Ignjatovio	ć M., Vučkov	vić G., Exergy and		sis of a steam	M22			
2.	Stamenković M.,	Miletić M.,		ković G., Gli	išović S., <i>Impact d</i>	of a building shape on		M22			
3.	Vučković G., Sto	ojiljković M	I., Vasiljević G., E	xergoeconon		, Vol. 22, No. 1B, pp. 6 real processes for co		M23			
			ppl. 5, pp. S1271-S1 , Vukić M., <i>First a</i>		evel of exergy dest	ruction splitting in ad	vanced exergy	1012.			
4.		cisting boiler	· Energy Conversion	n and Manag	ement Vol 104 pr	Vučković G., Stojiljković M., Vukić M., First and second level of exergy destruction splitting in advanced exergy					
	analysis for an existing boiler, Energy Conversion and Management, Vol. 104, pp. 8–16, 2015. Stojiljković M., Ignjatović M., Vučković G., Greenhouse gases emission assessment in residential sector through							M21			
5.	buildings simulat	gnjatović M ions and ope	I., Vučković G., <i>Gr</i> eration optimization	, Energy, Vo	uses emission asserbl. 92, pp. 420-434,	ssment in residential s 2015.	ector through				
	buildings simulat Vukić M., Janevs corn in a packed	gnjatović M ions and opo ki J., Vučko and fluidize	I., Vučković G., <i>Gr</i> eration optimization ović G., Stojanović I d bed, Iranian Journ	, Energy, Vo B., Petrović A al of Chem. a	uses emission asserbl. 92, pp. 420-434, A., Experimental ind Chem. Engin.,	ssment in residential s 2015. nvestigation of the dry, Vol. 34, No. 3., pp. 43-4	ector through ing kinetics of 49, 2015.	M21			
5.6.7.	buildings simulat Vukić M., Janevs corn in a packed Vučković G., Sto	gnjatović M ions and opo ki J., Vučko and fluidize ijiljković M. luation of th	I., Vučković G., <i>Gr</i> eration optimization ović G., Stojanović I d bed, Iranian Journ , Vukić M., Stefand	n, Energy, Vo B., Petrović A al of Chem. a ović G., Ded	uses emission asse. ol. 92, pp. 420-434, A., Experimental ind Chem. Engin., 'eié E., Advanced of	ssment in residential s 2015. nvestigation of the dry	ector through ing kinetics of 19, 2015. eergoeconomic	M21 M21 M23 M21			
6.	Vukić M., Janevs corn in a packed Vučković G., Sto performance eval Vol. 85, pp. 655– Milutinović B.,	gnjatović M ions and ope ki J., Vučko and fluidize ojiljković M. luation of th 662, 2014. Stefanović	I., Vučković G., <i>Gr</i> eration optimization vić G., Stojanović I d bed, Iranian Journ , Vukić M., Stefanc hermal processes in	a, Energy, Vo B., Petrović A al of Chem. a ović G., Deda an existing	uses emission asset ol. 92, pp. 420-434, A., Experimental in and Chem. Engin., 'eié E., Advanced of industrial plant, I	ssment in residential s 2015. nvestigation of the dry. Vol. 34, No. 3., pp. 43-4 exergy analysis and ex Energy Conversion and	ing kinetics of 49, 2015. cergoeconomic Management,	M21 M23 M21			
6. 7. 8.	Vukić M., Janevs corn in a packed Vučković G., Sto performance eval Vol. 85, pp. 655—Milutinović B., sustainability asse Vučković G., V exergoeconomic S433-S446, 2012.	gnjatović M ions and opo ki J., Vučko and fluidize ojiljković M. luation of th 662, 2014. Stefanović G essment of a tukić M., S evaluation o	I., Vučković G., Greration optimization optimization ović G., Stojanović I d bed, Iranian Journa, Vukić M., Stefand hermal processes in G., Dassisti M., Manaste management optigiljković M., Vuf the thermal processes	a, Energy, Vo B., Petrović A al of Chem. a ović G., Ded a an existing Marković D., t model, Ener čković D., sses in a real	uses emission asset. J. 92, pp. 420-434, A., Experimental i. And Chem. Engin., eié E., Advanced industrial plant, Vučković G., M rgy, Vol. 74, pp. 19 Avoidable and u industrial plant, T	ssment in residential s 2015. nvestigation of the dry. Vol. 34, No. 3., pp. 43-4 exergy analysis and ex Energy Conversion and fulti-criteria analysis 0-201, 2014. navoidable exergy de thermal Science, Vol. 10	ing kinetics of 49, 2015. Rergoeconomic Management, as a tool for struction and 6, Suppl. 2, pp.	M21 M21 M21			
6. 7. 8.	Vukić M., Janevs corn in a packed Vučković G., Sto performance eval Vol. 85, pp. 655—Milutinović B., sustainability assivational Vučković G., Vexergoeconomic & S433-S446, 2012. Stojiljković M., Esystem with co-ge	gnjatović Mions and ope ki J., Vučko and fluidize jiljković M. luation of the 662, 2014. Stefanović (essment of a ukić M., S evaluation of	I., Vučković G., Greration optimization ović G., Stojanović I d bed, Iranian Journa, Vukić M., Stefano hermal processes in G., Dassisti M., Ma waste management otojiljković M., Vuf the thermal processes., Vučković G., Ignjed absorption refrige	a, Energy, Vo B., Petrović A al of Chem. a ović G., Deda an existing Marković D., t model, Ener čković D., sses in a real jatović M., Meration, Ther	uses emission asset. l. 92, pp. 420-434, A., Experimental in and Chem. Engin., eié E., Advanced of industrial plant, Vučković G., Margy, Vol. 74, pp. 19 Avoidable and usindustrial plant, Tollitrović D., Optimical Science, Vol. 1	ssment in residential s 2015. nvestigation of the dry. Vol. 34, No. 3., pp. 43-4 exergy analysis and ex Energy Conversion and fulti-criteria analysis 0-201, 2014. navoidable exergy de Chermal Science, Vol. 10 ization of operation of 6, Suppl. 2, pp. S409-S	rector through ing kinetics of 19, 2015. rergoeconomic Management, as a tool for struction and 6, Suppl. 2, pp. energy supply 422, 2012.	M21			
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Professional development

Current participation in projects

-DAAD grant beneficiary from 2001 to 2006 within the international project (Nuremberg-Erlangen, Sofia, Niš): Development and Application of Numerical Methods for Calculation and Optimization of Pollutant Reduced Industrial Furnaces and Efficient Heat Exchangers.

Domestic: 1

International: 1

- Dutch Ministry Foreign Affairs: Serbia and Montenegro Military Resettlement Programme, England, Manchester, 2005 (Manchester Business School);

- Energy Management for Central and Eastern European Countries, Japan, Kitakyushu, 2006 (Japan International Cooperation Agency - JICA).

Other information considered relevant



Rank Specializ							MILAN M. ZDRAVKOVIĆ					
Specializ	Rank		Assistant professor									
Specialized scientific field		eld	Production System	ms and Technologies								
Academi	c career	Year	Institution	Specialized scier	ntific field							
Election t	o rank	2016	Faculty of Mechani Engineering in Niš	cal Production System	ms and Technologies							
Doctorate	;	2012	Faculty of Mechani Engineering in Niš	cal Production System	Production Systems and Technologies							
Magister degree 2008			Faculty of Mechani Engineering in Niš	cal Production System	Production Systems and Technologies							
Master's	degree											
Engineer'	_	1997	Faculty of Mechani Engineering in Niš	·	ms and Technologies							
	ssertations-do n the previous		projects in which	the professor is curre	ntly engaged or was engaged	l as a doctora	ıl					
№ D	issertation-doct	oral art pro	oject title C	Candidate's name	*submitted *** proposal	defended						
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doctoral a	art projects), ** art projects fron	The year in the previ	n which the disserta ous period)	ation-doctoral art proje	submitted (only for ongoing di ct was defended (only for diss	ertations-						
classifica	tion of the cor	respondin	g Ministry of Edu		he given study programme i echnological Development, i 5 not more than 20)							
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					R) Real-time monitoring of bond Internet of Things Journal. 5(6):4		И21					
					rraipa, J. (2017) <i>Domain frame</i> esearch. 56:7 2552-2569	ework for M	И21					
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3. Futi	ure Interoperable	e and Susta	ina <mark>ble Enterprise S</mark> y	stems. Computers in Indu		IVI	И22					
o. inter	roperability capa	bility: an ar	nthropomorphic app	roach. Enterprise Informa	5) On the formal definition of the ation Systems.17(3): 389-413	IVI	И21					
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o. Surg	gery. Facta Unive	ersitatis Seri	es in Mechanical Eng	gineering. 13(3) 325-336	or Knowledge Management in C	- IVI	Л24					
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Rank	First name and surname		MARKO G. IGNJATOVIĆ					
Rank			Assistant profe	ssor				
Spec	ialized scientific f	ïeld	Thermal Engine	eering, The	rmoenergetics	and Process Engineeri	ng	
Acad	lemic career	Year	Institution		Specialized so	cientific field		
Elect	ion to rank	2018	Faculty of Mecha Engineering in N		Thermal Engineering	neering, Thermoenergetic	cs and Process	
Docto	orate	2018		Faculty of Mechanical Thermal Engineering, Thermoenergetics and Process Engineering in Niš Engineering				
Magi	ster degree							
	er's degree							
	neer's degree	2004	Faculty of Mecha Engineering in N	liš	Engineering	neering, Thermoenergetic		40001
	or dissertations-d sor in the previou		projects in which	in the profe	essor is curren	tly engaged or was e	ngaged as a doc	torai
No	Dissertation-do	ctoral art p	roject title	Candidate	's name	*submitted proposal	**defended	
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1.	Stojiljković Mlade	n M., Stojilj ntial buildir	ković Mirko M., Ig	gnjatović Ma	rko G., Vučkovi	ć Goran D., <i>Cost-optima</i> mal Science (ISSN 0354		M22
2.	Bogdanović Velik Improving therma	oorka B., R al stability an	nd reduction of ene	ergy consum	ption by implem	tović Marko G., Stevar nenting Trombe wall con 836), 22 (2018), pp. 235.	struction in the	M22
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6. 7. 8. 9. 10.	daily building ope (2016), Suppl. 5, p Mitrović, D., Ignja for certain therma Stojiljković, M., I buildings simulati Anđelković, A., Characteristics O, 7788), 86 (2015), J Stojanović, B., Ja context of increasi Ignjatović, M., Bla double skin facada Science (ISSN 035 Stojiljković, M., I supply systems w Suppl. 2, pp. S409 Stojiljković, M., Seperation in the	eration from p. S1485-S1 atović, M., S of power plan gnjatović, M. ons and ope Gvozdenac-Uf A Multi-Spp. 766-781 nevski, J., Ming building agojević, B., ses on delive 54-9836), 16 Blagojević., ith co-general color of the period of the perio	the energy and the 500 tojanović, B., Janew this in Serbia, Therm I., Vučković, G., Gration optimization Jrošević, B., Kljaj torey Naturally Verbitković, P., Stojanović, B., Stojanović, B., Stojanović, B., Stojanović, B., Stojanović, G., pration and absorption M., Blagojević, B., ting system of the pp. S41-S51	rski, J., Stojil nal Science (I freenhouse g e, Energy (IS: jić, M., Ignj entilated Doi nović, M., Ig Thermal Scie jiljković, M., poling energ p. S461-S469 Ignjatović, I tion refriger	jković. M., Com SSN 0354-9836 gases emission a SN:0360-5442), atović, M., Expuble Skin Faça gnjatović, M., T nce (ISSN 0354- gn Influence of glay during heating) M., Mitrović, Dation, Thermal	Thermal Science (ISSN parative exergetic perfr.), 20 (2016), Suppl. 5, pp. sssessment in residentia. 92 (2015), pp. 420-434 perimental Research Ode, Energy and Building Phermally activated built-9836), 18 (2014), 3, pp. lazing types and ventilating season in an office built. Optimization of open Science (ISSN 0354-98), M., Effects of implem	omance analysis b. \$1259-\$1269 Il sector through If The Thermal gs (ISSN: 0378- Iding systems in 1011-1018 Iding principles in uilding, Thermal ration of energy 336), 16 (2012), mentation of co-	M22 M21a M21a M22 M22 M22
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First	name and surnan	ne	VESNA D. JO	<u>VANOVIĆ</u>	5			
Rank			Assistant profes	ssor				
Speci	alized scientific fi	eld	Transport Engir	neering and	Logistics			
Acad	emic career	Year	Institution		Specialized scientific field			
Electi	on to rank	2019	Faculty of Mecha Engineering in N		Transport Engineering and Logistics			
Docto	rate	2018		Faculty of Mechanical Transport Engineering and Logistics Engineering in Niš				
Magis	ster degree							
Maste	er's degree							
	eer's degree	2008	Faculty of Mecha Engineering in N	iš	Transport and Log	· 		
	of dissertations-do sor in the previous		t projects in which	h the profe	essor is currently	engaged or was eng	aged as a doc	toral
№	Dissertation-doo	ctoral art p	roject title	Candidate	e's name	*submitted proposal	**defended	
			(8)1	LA.	1	2		
docto docto	oral art projects), ** oral art projects from gorization of the p	*The year i m the previoublication	in which the dissertious period) n of scientific pap	rtation-doct	toral art project wa	itted (only for ongoin as defended (only for ven study programs ological Developme	dissertations- me in line with	h the
	the additional sta	ndard req	uirements for the	e given fiel	d (minimum 5 no	t more than 20)		
1.		ki vjesnik/				otating platform drive u Slavonskom Brodu (M23
2.						aring of a slewing plan ary (2015) Vol. 12, No. 1		M23
3.		itional journ	al of science and te			rotating platform drive if University of Techno		M23
4.	force, Iranian Journ	nal of Scien		Transaction	s of Mechanical Eng	on the basis of the dia gineering, DOI: 10.100°		M23
5.	of the tribological ca	riterion, Scient	entia Iranica, (accepte	ed for publica	tion), 2019. doi: 10.2	ns in hydraulic excavato 4200/sci.2019.50617.179	90.	M23
6.	of slewing platform	drive mech	anisms in hydraulic	excavators,	Facta Universitatis S	ion on the loading of the Series: Mechanical Engin MechEng/issue/view/543	neering (2019),	M24
7.						ng loads in rotating pical Engineering (2014		M24
8.		draulic exco	avators], монографі			ичких багера /Synth г Универзитета у Нип		M42
9.	Excavators on the	Load of th		echanism, I	MK-14 – Research	form Drive Mechanism & Development in Hea		M53
10.		čkih bager	a [Software packa		_	tverski paket za analiz und loading capacity		M85
11.	pogonskih mehani	zama mani _l		a [Software		oftverski paket za optiv I synthesis of drive me		M85
12.	mehanizama mani	ipulatora hi		[Software p	ackage for optimal	set za optimalnu sinte synthesis of drive med		M85
Cum	ulative data on th	e scientific	c activity of the pr	rofessor				
Total	number of citation	ıs, excludir	ng self-citations	7 (sour	ce Scopus)			
Total	number of papers	on the SCI	(or SSCI) list	5				

Current participation in projects	Domestic: 1	International: 1	
Professional development			
Other information considered relevant			



Firs	First name and surname		NIKOLA D. KO	ORUNOV	<u>'IĆ</u>				
Ran	k		Assistant profess	Assistant professor					
Spec	cialized scientific	field	Production Syste	ems and To	echnologies				
Aca	demic career	Year	Institution		Specialized scientific field				
Elect	tion to rank	2015	Faculty of Mechanical Engineering in Niš		Production Systems and Technologies				
Doct	orate	2011	Faculty of Mechar Engineering in Ni	nical	Production S	ystems	and Technologies		
Magister degree 2003			Faculty of Mechar Engineering in Ni	nical	Production S	ystems	and Technologies		
Mast	ter's degree								
Engineer's degree 1995			Faculty of Mechar Engineering in Ni	š			and Technologies		
	of dissertations-d isor in the previou			h the prof	essor is curre	ntly e	ngaged or was eng	gaged as a doc	toral
№	Dissertation-do	octoral art p	project title	Candidat	te's name	1	*submitted proposal	**defended	d
			1300			_1	1		
doct doct	oral art projects), * oral art projects fro egorization of the	**The year om the prev publication	in which the disservious period) on of scientific paper	tation-doc	toral art project	ct was	ted (only for ongoin defended (only for en study program	dissertations- me in line with	h the
			ing Ministry of Edquirements for the				logical Developme more than 20)	nt, in accorda	nce
1.			D., Trajanovic, M., Ze and Configuration by				o, S. (2019). <i>In Silico</i> als, 12(14), 2326.	Optimization	M22
2.			Mari <mark>n</mark> ković, D., Vitko tuctural analysis of ti) . Performance eval 11006.	uation of cord	M21
3.	Schnabelrauch M.	, Grujovic N	I., Choy K. (eds) Bior	naterials in	Clinical Practic	e. Spri	_	0=1	M14
4.		nd tire desig	gn related research a				nić, M., & Trajanov f results. Journal of S		M52
5.			rajanović, M., Radov ational Journal of Ind				<i>for multi-objective o</i> , 6(2), 199-210.	ptimization of	M24
6.							šić, D., Arsić, S. (20 nce and Information S		M23
7.							ilovanović, J. (2012) ois za teoriju i praksu		M23
8.		of Femur A	natomical Axis and				e, M. (2012). <i>Differen</i> els, Strojarstvo: časoj		M23
9.							Finite Element Anal Journal of Mechanica		M23
10.			I., Stojković, M. (200 Computational Mech			el for S	Steady-State Rolling	Tire Analysis.	M52
Cun	nulative data on t	he scientif	ic activity of the p	rofessor					
	l number of citatio			230 (se	ource Google	Schol	ar)		
Tota	l number of papers	s on the SC	I (or SSCI) list	6					
Curr	ent participation in	n projects		Dome	stic: 2	Inte	rnational: 2		
	essional developm								
			cal Basics of Comput	er Science"	', Technical Uni	iversity	of Vienna, 2001.		
Othe	er information cons	sidered rele	evant						

*The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects from the previous period) Categorization of the publication of scientific papers within the field of the given study programme in line with the classification of the corresponding Ministry of Education, Science and Technological Development, in accordance with the additional standard requirements for the given field (minimum 5 not more than 20) Milos Kocić, Jelena Petrovic, Zivojin Stamenović, Jasmina Bogdanović-Jovanović, "Heat transfer in micropolar fluid flow under the influence of magnetic field". Thermal Science, Year 2016, Vol. 20, Suppl. 5, pp. S1391-S1404, ISSN 0354-9856, (DOI: 10.2298/TSCI16S5391K) Milos Kocić, Živojin Stamenković, Jelena Petrović, Milica Nikodijević, "Influence of electrical-conductivity of walls on MID flow and heat transfer of micropolar fluid". Thermal Science, Year 2018, Vol. 22, Suppl. 5, pp. S1591-S1600, (DOI: 10.2298/TSCI18S5591K) Zivojin Stamenković, Milos Kocić, Jelena Petrović, Milica Nikodijević, "Flow and heat transfer of three immiscible fluids in the presence of electric and inclined magnetic field", Thermal Science, Year 2018, Vol. 22, Suppl. 5, pp. M22 S1575-S1589, (DOI: 10.2298/TISCI18S5591K) Jelena Petrović, Milos Kocić, Jelena Petrović, "The CFD Modeling of Two-Dimensional Turbulent Mhd Channel Flow", Thermal Science, Mera 2017, Vol. 21, Suppl. 3, pp. S837-S850, (DOI: 10.2298/TISCI160822093S) Jelena Petrović, Zivojin Stamenković, Milos Kocić, Milica Nikodijević, "Porous medium magnetohydrodynamicflow and heat transfer of three immiscible fluids", Thermal Science, Year 2016, Vol. 20, Suppl. 5, pp. S1405 - 51417, (DOI: 10.2298/TISCI16S5405P) Jengiša Nikodijević, Zivojin Stamenković, Milos Kocić, Jelena Nikodijević, "Flow and heat transfer of two immiscible fluids in the presence of uniform magnetic field", Thermal Science, Year 2014, Vol. 18, No. 3, pp. 1019-1028 (DOI: 10.2298/TISCI). Dragiša Nikodijević, Zivojin Stamenko	First	name and surnam	ne	MILOŠ M. K	<u>OCIĆ</u>					
Academic career Vear Institution Specialized scientific field Theoretical and Applied Fluid Mechanics Engineering in NiS Doctorate 2019 Faculty of Mechanical Theoretical and Applied Fluid Mechanics Engineering in NiS Theoretical and Applied Fluid Mechanics Theoretical and Engineering in NiS Theoretical and Applied Fluid Mechanics Theoretical and Engineering in NiS Theoretical and Applied Fluid Mechanics Theoretical and Engineering in NiS Theoretical and Applied Fluid Mechanics Theoretical and Engineering in NiS Theoretical and Applied Fluid Mechanics Theoretical and Engineering in NiS Theoretical and Engineering Theoretical Engineering	Rank			Assistant profe	essor					
Election to rank 2019 Faculty of Mechanical Engineering in Nis Theoretical and Applied Fluid Mechanics	Speci	alized scientific fi	eld	Theoretical an	d Applie	d Fluid Mecha	nics			
Election to rank 2019 Faculty of Mechanical Engineering in Nis Theoretical and Applied Fluid Mechanics	Acad	emic career	Year	Institution		Specialized so	ientific f	ïeld		
Doctorate 2019 Faculty of Mechanical Engineering in NiS Theoretical and Applied Fluid Mechanics			2019	Faculty of Mech		-				
Master's degree 2009 Faculty of Mechanical Energy and Process Engineering Engineering in Nis Energy and Process Engineering Engineering in Nis Energy and Process Engineering Engineering in Nis Class of dissertations-doctoral art projects in which the professor is currently engaged or was engaged as a doctoral advisor in the previous 10 years "Ne Dissertation-doctoral art project title Candidate's name "submitted (only for ongoing dissertations-doctoral art projects)," "The year in which the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects from the previous period) Categorization of the publication of scientific papers within the field of the given study programme in line with the datastification of the corresponding Ministry of Education, Science and Technological Development, in accordance with the additional standard requirements for the given field (minimum 5 not more than 20) Miles Kocis, Jelena Petrovic, Zivojin Stamenavic, Jasmina Bogdanović Joyanović, "Heat transfer in micropolar fluid flow under the influence of magnetic fluid", Thermal Science, Year 2016, Vol. 20, Suppl. 5, pp. S1391-S1404, ISSN M22 0554-9386, (DOI: 10.2298/TISCI185591K) Miles Kocis, Zivojin Stamenković, Jelena Petrović, Milica Nikodijević, "Influence of electrical-conductivity of walls on MHD flow and heat transfer of interpolar fluid", Thermal Science, Year 2018, Vol. 22, Suppl. 5, pp. S1391-S159, DOI: 10.2298/TISCI185591K) Zivojin Stamenković, Miles Kocić, Jelena Petrović, Milica Nikodijević, "Flow and heat transfer of three immiscible fluids in the presence of electric and inclined magnetic field", Thermal Science, Year 2018, Vol. 22, Suppl. 5, pp. S1575-S1589, DOI: 10.2298/TISCI185591K) Zivojin Stamenković, Miles Kocić, Jelena Petrović, Miles Nikodijević, "Flow and heat transfer of two immiscible fluids in the resence of antiform magnetic field", Thermal Science, Year 2018, Vol. 22, Suppl. 5, pp. S1403 - S1417, (DOI: 10.2298/TISCI165820988) Jelena Petrović, Zivojin Stamenk	Docto	rate	2019	Faculty of Mech	anical	Theoretical an	d Applie	d Fluid Mechanics		
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10. artificial neural networks in modelling laser cutting. International Journal of Advanced Intelligence Paradigms, Vol. 4, No. 3, 2012, pp. 299-312. 11. Marković D., Stanković A., Petrović G., Trajanović M., Ćojbašić Ž.: Genetic and Ant Colony Optimization Based Communal Waste Collection Vehicle Routing. (Eds.) ICIST 2019 Proceedings Vol. 1, pp.209-212 Marković D., Petrović G., Milošević M., Milić M., Madić M.: Metaheuristics for solving Vehicle Routing Problems with Stochastic Demands for waste collection, 17th Symposium on Thermal Science and Engineering of Serbia, Proceedings, ISBN 978-86-6055-076-9, Sokobanja, 2023. October, 2015, pp. 1123-1128. Cumulative data on the scientific activity of the professor Total number of citations, excluding self-citations 70 (source Scopus), 223 (source Google Scholar) Total number of papers on the SCI (or SSCI) list 7 Current participation in projects Domestic: 1 International: 1 Professional development	9.	optimization proble	ms, Facta U	niversitatis series M	Iechanical E	Engineering, Vol. 11 N	No. 1, 2013, pp. 29-44.		M51
Communal Waste Collection Vehicle Routing. (Eds.) ICIST 2019 Proceedings Vol.1, pp.209-212 Marković D., Petrović G., Milošević M., Milić M., Madić M.: Metaheuristics for solving Vehicle Routing Problems with Stochastic Demands for waste collection, 17th Symposium on Thermal Science and Engineering of Serbia, Proceedings, ISBN 978-86-6055-076-9, Sokobanja, 2023. October, 2015, pp. 1123-1128. Cumulative data on the scientific activity of the professor Total number of citations, excluding self-citations 70 (source Scopus), 223 (source Google Scholar) Total number of papers on the SCI (or SSCI) list 7 Current participation in projects Domestic: 1 International: 1 Professional development	10.	artificial neural net	works in m						M24
12. with Stochastic Demands for waste collection, 17th Symposium on Thermal Science and Engineering of Serbia, Proceedings, ISBN 978-86-6055-076-9, Sokobanja, 2023. October, 2015, pp. 1123-1128. Cumulative data on the scientific activity of the professor Total number of citations, excluding self-citations 70 (source Scopus), 223 (source Google Scholar) Total number of papers on the SCI (or SSCI) list 7 Current participation in projects Domestic: 1 International: 1 Professional development	11.	Marković D., Stank	tović A., Pe					ization Based	M33
Total number of citations, excluding self-citations 70 (source Scopus), 223 (source Google Scholar) Total number of papers on the SCI (or SSCI) list 7 Current participation in projects Domestic: 1 International: 1 Professional development	12.	with Stochastic De	mands for	waste collection,	17th Sympo	osium on Thermal S	cience and Engineeri		M33
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Current participation in projects Domestic: 1 International: 1 Professional development				•	70 (sou	arce Scopus), 223 (s	ource Google Schoo	lar)	
Professional development				(or SSCI) list		T			
					Domes	tic: 1 Inte	rnational: 1		
Other information considered relevant				1					
	Other	information consid	lered relev	ant					

First	name and surnan	ne	PREDRAG Đ	. MILIĆ				
Ranl	ζ		Assistant profe					
	ialized scientific fi	eld	Transport Engine		ogistics			
	lemic career	Year	Institution	coring una Ex	Ĭ	cientific field		
	ion to rank	2018	Faculty of Mech	anical	-	gineering and Logist	ios	
Lieci	ion to rank	2016	Engineering in N		Transport En	gineering and Logist	ics	
Doct	orate	2018	Faculty of Mech Engineering in N		Transport En	gineering and Logist	ics	
Magi	ster degree							
Mast	er's degree							
Engi	neer's degree	2001	Faculty of Mech Engineering in N		Mechanical I	Design and Mechaniz	ation	
	of dissertations-do		projects in which	ch the profe	essor is currei	ntly engaged or w	as engaged as a doc	toral
№	Dissertation-doc	•	oiect title	Candidate	's name	*submitted	**defende	d
	Bisservation do	rozuz uzt pr	Sjeet tille	/ IN		proposal	GOTOTAGO	
			(8)	PYI	- 4 /	2		
docto docto	oral art projects), ** oral art projects from	*The year is m the previ	n which the disse ous period)	ertation-doc	toral art projec	t was defended (or	ongoing dissertations-	
							ogramme in line wit lopment, in accorda	
	the additional sta							ance
1.	Petrović G., Madić	M., Markov hicles in sou	ić D., Milić P., Ste	efanović G.: <i>l</i> S <i>erbia</i> , Therr	Multiple criterional Science, So	ı decision making oj	f alternative fuels for gineers of Serbia, 20,	M23
2.	Milić P., Marinko	vić D.: <i>Isog</i>	geometric FE and	alysis of con	nplex thin-wall	led structures, Transie, 39, 1, pp. 15 - 26	sactions of Famena,	M23
3.	Marinković D, Mar	nfred W. Z.,	Milić P.: On the de	esign of theri	nally loaded fib		hs, Thermal Science,	M23
4.	Jovanović M., Petro	ović G., Mili branch fo	ć P., Milenković D or supply water)., Milanović to the Pelt	S.: Theoretical fon turbine, Th	and experimental	analysis of dynamic a Institute of Nuclear	M23
5.	Marinković Z., Mar driven mechanisms	rinković D., s, Technical	Petrović G., Milić Gazette, Faculty	P.: Modelling of Mechanic	g and simulational Engineering		Faculty of Electrical 225, 2012.	M23
6.	Milić P., Marinkov	ić D., <i>Isogeo</i>	metric structural	analysis base	d on NURBS si		a Universitatis, series	M51
7.		ions, Facta I	Universitatis, Serie	s: Automatic	Control and R	obotics, University of	g for highly efficient of Niš, vol. 12, no. 1,	M51
8.						in the process of well engineering, 9, 1, pp	aste collection, Facta b. 127 - 136,2011.	M51
9.	structures, IOP Co Sad,, vol. 393 (2018	onf. Series: N 8) 012039, p	Materials Science a p. 1 - 8, issn: 1757	and Engineer -899X, Novi	ing 393 (2018) Sad, 6 8. Jun,	012039, Fakultet T 2018	nonitoring of frame ehničkih nauka Novi	M33
10.							ва изогеометријску гријску структурну	M85
11.	процеси са прим	<i>енама [Que</i> тет Униве	antitative logistics рзитета у Ниш	– probabili	ity, statistics ar	id random example	истика и случајни es with application], 978-86-6055-106-3	-
12.		ite element n	nethod in structur	al analysis: d	collection of sol	<i>ved tasks]</i> , Mašinski	a rešenih zadataka fakultet Univerziteta	-
Cum	ulative data on th	e scientific	activity of the p	orofessor				
Total	number of citation	ıs, excludin	g self-citations	19 (soi	ırce Scopus)			
Total	number of papers	on the SCI	(or SSCI) list	5				
Curre	ent participation in	projects		Domes	tic: 1	International: 1		
Profe	essional developme	nt						

Technical University of Karlsruhe – Institute of Transport Engineering and Logistic Systems, Germany (01/10/2015 – 31/03/2016) within the TEMPUS CD JEP 17019/2002 project titled "Aufbau und Entwicklung des neuen Studienprofils 'Materialfluss und Logistik' an der Maschinenbaufakultät der Universität Nis".

Institute of Logistics and Material Flows at the University of Magdeburg – Germany (09/04/2005 – 24/04/2005), logistics seminar – teaching development in the field of logistics.

Other information considered relevant



First	name and surnar	me	JELENA R. N	MILOVAN	<u>OVIĆ</u>				
Rank	<u> </u>		Assistant profe	essor					
Spec	ialized scientific f	ield	Production Sys	stems and T	echnologies				
Acad	lemic career	Year	Institution		Specialized s	scient	ific field		
Elect	ion to rank	2016	Faculty of Mech Engineering in N		Production S	ystem	s and Technologies		
Docto	orate	2014	Faculty of Mech Engineering in N		Production Systems and Technologies				
Magi	ster degree	2006	Faculty of Mech Engineering in N						
Mast	er's degree				Production S	ystem	s and Technologies		
	neer's degree	1998	Faculty of Mech Engineering in N	Niš	Production E				
	of dissertations-de for in the previou		projects in which	ch the prof	essor is currei	ntly e	engaged or was eng	aged as a doct	toral
№	Dissertation-do	ctoral art pr	oject title	Candidate	e's name	1	*submitted proposal	**defended	
			130			,A	12		
docto	oral art projects), * oral art projects fro	*The year i m the previ	n which the disso lous period)	ertation-doc	etoral art projec	et wa	tted (only for ongoing defended (only for wen study program	dissertations-	
class		rrespondir	ng Ministry of E	ducation, S	Science and To	echn	ological Developme		
1.		ković, M., M	lajstorović, V., Tra	ajanović, M.,	Milovanović, J	., (20	18). Novel design app	proach for the	M21a
2.	Vitković, N., Milo	vanović J., 7. <i>Of Femur A</i>	Frajanović, Korund Inatomical Axis A	ović, N., M.,	Stojković, M.,	Mani	c, M., (2013), <i>Differendels</i> , Strojarstvo: časo		M23
3.	Vitković, N. Milo	vanović, J., on of Huma	Korunović, N., T				šić, D., Arsić, S. (20 Science and Informa		M23
4.	Stojkovic, M., Mi trochanters morph	lovanovic, J ology based	on geometrical m	odel, JSIR-J	ournal of Scienti	fic In	ic, M. (2012) Analys dustrial Research, 71(2)	3), 210-216	M23
5.							(ilovanović, J., (2012) za teoriju i praksu u str		M23
6.							Finite Element Ana Journal of Mechanic		M23
7.	<i>Tyre Tread Patter</i> 953-51-0371-4, 73	n Mould . Cl -90	hapter 4 In: Shato	kha V, edito	r. Sintering - M	ethod	r Rapid Tooling In Assault and Products, InTec	h , ISBN 978-	M23
8.		modeling a	nd solid free-form				evic, V., Milisavljevic Australasian Physical		M23
9.	Laser Sintering, J.	SIR-Journal	of Scientific Indus	trial Research	h, 68(12), 1038-	1042	ead Ring Mould Using		M23
10.	Procedure for Cra Tehnicki Vjesnik.	e ating Perso 26. 1044-105	onalized Geometri 51.	cal Models			shid, M., Milovanovi dible and Correspond		M23
Cum	ulative data on th	e scientific	activity of the	_					
	number of citation			286 ci			ents, h-index = 5 (source Google Sch		
	number of papers		(or SSCI) list	10					
	ent participation in	<u> </u>		Dome	stic: 1	Int	ernational: 0		
	ssional developme		1						
Othe	r information cons	idered relev	ant						

	name and surnar	me	ALEKSANDAR	R V. MILT	<u>ENOVIĆ</u>		
Rank	k		Assistant profess	or			
Spec	ialized scientific f	ield	Mechanical Desi	gn			
Acad	lemic career	Year	Institution		Specialized sci	ientific field	
Elect	ion to rank	2016	Faculty of Mechan Engineering in Niš		Mechanical De	sign	
Docto	orate	2011	Faculty of Mechan Engineering, Ruhr Bochum (Germany	University	Mechanical De	sign	
Magi	ster degree	2005	Faculty of Mechan Engineering in Niš		Mechanical De	sign	
Mast	er's degree						
	neer's degree	2003	Faculty of Mechan Engineering in Niš		Mechanical De	_	
	of dissertations-de sor in the previou			the profess	sor is currently	y engaged or was engaged as a do	ctoral
No	Dissertation-do	ctoral art p	roject title	Candidate'	s name	*submitted **defende	d
docto docto Cate class	oral art projects), * oral art projects fro gorization of the p ification of the co	*The year m the prev publication rresponding	in which the dissert ious period) n of scientific pape ng Ministry of Edu	ation-docto ers within the	ral art project vehicles the field of the sence and Tech	mitted (only for ongoing dissertation was defended (only for dissertations given study programme in line wanological Development, in according	ith the
			quirements for the anić M., Miltenović A	-		not more than 20) id Rotor in Unloaded Rolling Elemen	
2.	Bearing ; Internation Banić M., Stamen	onal Journal ković D., N	of Mechanical Science Miltenović V., Miloše	ces (ISSN 00 ević M., Mil	20-7403), 59/9 (2 tenović A., Đeki	2010), pp. 1176 - 1185. tć P., Rackov M.: <i>Prediction of Hea</i>	MZ1a
3.	Miltenović A., Nik	olić V., Mil		M.: <i>Experim</i>	ental and FEM	36), 16/Suppl. 2 (2012), pp. 593 - 606. Analysis of Sintered Steel Worm Gear	
4.	Rackov M., Milov	ancevic M., Generalized	Kanovic Ž., Vereš M. Particle Swarm Op	., Rafa K., B	anić M., Milteno	vić A.: <i>Optimization of HCR Gearing</i> ički Vjesnik-Technical Gazette (ISSN	
5.	Miltenović Đ., Mi	lan T., Mil	tenović A., Banić M			Pitting of Tooth Flanks of Crossed 1), 38/4 (2014), pp. 77 - 88.	M23
6.	Steel; Science of S	intering (IS	SN 0350-820X), 47 (2	2015), pp. 15	3 – 163.	ears With Wheel Made From Sinterea	M23
7.		il Contact				A.: Distribution of Generated Friction cience (ISSN 0354-9836), 20/Suppl. 5	
	D 41.: XX/ M:14	S1571					
8.	Fe1.5Cr0.2Mo Sin	ović, A.: In tered Steel,	Science of Sintering,	42 (2010), p	p. 205-214	the Wear Capacity of Gears Made o	M22 M23
8. 9.	Fe1.5Cr0.2Mo Sin Miltenović, A., Pr Sintering, 43 (2011)	ović, A.: <i>Intered Steel</i> , edki, W.: <i>L</i> 1), pp. 183-1	Science of Sintering, Damage Types of Cro	42 (2010), p ossed Helica	p. 205-214 I Gears with W	heels from Sintered Steel, Science of	M22 M23 M23 M23
	Fe1.5Cr0.2Mo Sin Miltenović, A., Pr Sintering, 43 (201) Miltenović, A., Ki with Wheels made	ović, A.: Intered Steel, edki, W.: I.), pp. 183-1 azmanović, from Sinter	Science of Sintering, Damage Types of Cro 191 S., Miltenović, V., T red Steel. Thermal sci	42 (2010), possed Helica Fica, M., Rac ence, Vol. 10	p. 205-214 I Gears with W skov, M.: Therm 5 (2), 2012, pp. 6	heels from Sintered Steel, Science of the stability of Crossed Helical Gears 107-619	M22 M23 M23 M23 M22
9. 10. 11.	Fe1.5Cr0.2Mo Sin Miltenović, A., Pr Sintering, 43 (2011 Miltenović, A., Ki with Wheels made Miltenović, A., Ni Fe1.5Cr0.2Mo wit	ović, A.: Intered Steel, edki, W.: I.), pp. 183-1 azmanović, from Sinterkolić, V., M. Sinter-Ha	Science of Sintering, Damage Types of Cro 191 S., Miltenović, V., T red Steel. Thermal sci Mitrović, R.: Efficien ardening Treatment.	42 (2010), possed Helica Fica, M., Racence, Vol. 10 cy of Crosse TRANSACT	p. 205-214 I Gears with W kov, M.: Therm 5 (2), 2012, pp. 6 Id Helical Gears	heels from Sintered Steel, Science of the Stability of Crossed Helical Gears	M22 M23 M23 M23 M22
9. 10. 11.	Fe1.5Cr0.2Mo Sin Miltenović, A., Pr Sintering, 43 (201) Miltenović, A., Kr with Wheels made Miltenović, A., Ni Fe1.5Cr0.2Mo wit	ović, A.: Intered Steel, edki, W.: I. (1), pp. 183-1 (1) (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Science of Sintering, Damage Types of Cre 191 S., Miltenović, V., T red Steel. Thermal sci Mitrović, R.: Efficien ardening Treatment. c activity of the pr	42 (2010), possed Helica Cica, M., Racence, Vol. 10 cy of Crosse TRANSACT	p. 205-214 Il Gears with W kov, M.: Therm 5 (2), 2012, pp. 6 Id Helical Gears IONS OF FAME	theels from Sintered Steel, Science of the Stability of Crossed Helical Gears 107-619 with Wheels made of Sintered Steel	M22 M23 M23 M23 M22
 9. 10. 11. Cum Total 	Fe1.5Cr0.2Mo Sin Miltenović, A., Pr Sintering, 43 (2011) Miltenović, A., Ki with Wheels made Miltenović, A., Ni Fe1.5Cr0.2Mo with Inumber of citation	ović, A.: Intered Steel, edki, W.: I 1), pp. 183-1 uzmanović, from Sinter kolić, V., N h Sinter-Ha ne scientifi ns, excludi	Science of Sintering, Damage Types of Cro 191 S., Miltenović, V., Tred Steel. Thermal sci Mitrović, R.: Efficien ardening Treatment. c activity of the pr ng self-citations	42 (2010), possed Helical Fica, M., Racence, Vol. 10 cy of Crosse TRANSACT ofessor 75 (sour	p. 205-214 I Gears with W kov, M.: Therm 5 (2), 2012, pp. 6 Id Helical Gears	theels from Sintered Steel, Science of the Stability of Crossed Helical Gears 107-619 with Wheels made of Sintered Steel	M22 M23 M23 M23 M22
9. 10. 11. Cum Total Total	Fe1.5Cr0.2Mo Sin Miltenović, A., Pr Sintering, 43 (2011 Miltenović, A., Ku with Wheels made Miltenović, A., Ni Fe1.5Cr0.2Mo with mulative data on the I number of citation	ović, A.: Intered Steel, edki, W.: I (1), pp. 183-1	Science of Sintering, Damage Types of Cro 191 S., Miltenović, V., Tred Steel. Thermal sci Mitrović, R.: Efficien ardening Treatment. c activity of the pr ng self-citations	42 (2010), p possed Helica Tica, M., Racence, Vol. 10 cy of Crosse ΓRANSACT ofessor 75 (sour 12	p. 205-214 Il Gears with W skov, M.: Therm 5 (2), 2012, pp. 6 Id Helical Gears IONS OF FAME	theels from Sintered Steel, Science of the Stability of Crossed Helical Gears 107-619 Swith Wheels made of Sintered Steel ENA XXXVI-2 (2012), pp. 31-40	M22 M23 M23 M23 M22
9. 10. 11. Cum Total Total Curre	Fe1.5Cr0.2Mo Sin Miltenović, A., Pr Sintering, 43 (201) Miltenović, A., Ki with Wheels made Miltenović, A., Ni Fe1.5Cr0.2Mo with I number of citation I number of papers ent participation in	ović, A.: Intered Steel, edki, W.: I. (1), pp. 183-1 (1), projects	Science of Sintering, Damage Types of Cro 191 S., Miltenović, V., Tred Steel. Thermal sci Mitrović, R.: Efficien ardening Treatment. c activity of the pr ng self-citations	42 (2010), possed Helical Fica, M., Racence, Vol. 10 cy of Crosse TRANSACT ofessor 75 (sour	p. 205-214 Il Gears with W skov, M.: Therm 5 (2), 2012, pp. 6 Id Helical Gears IONS OF FAME	theels from Sintered Steel, Science of the Stability of Crossed Helical Gears 107-619 with Wheels made of Sintered Steel	M22 M23 M23 M23 M22
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First	name and surnar	ne	BOBAN D. NI	<u>KOLIĆ</u>						
Rank			Assistant profes	ssor						
Speci	alized scientific f	ield	IC Engines and	Motor Vel	nicles					
Acad	emic career	Year	Institution		Specialized scienti	fic field				
Electi	on to rank	2016	Faculty of Mecha Engineering in N		IC Engines and Mo	tor Vehicles				
Docto	rate	2016	Faculty of Mecha Engineering in N		IC Engines and Mo	tor Vehicles				
Magis	ster degree	2006		Faculty of Mechanical Engineering in Niš		tor Vehicles				
Maste	er's degree									
Engin	eer's degree	1994	Faculty of Mecha Engineering in N		Thermal Engineering Engineering	ng, Thermoenergetics a	and Process			
	of dissertations-do or in the previous				essor is currently en	ngaged or was enga	ged as a doct	toral		
N <u>o</u>	Dissertation-doc	•	roject title	Candidat	e's name	*submitted proposal	**defended			
			6896	771		proposar				
*The	year in which the	proposal o	f the dissertation-c	loctoral art	project was submitt	ted (only for ongoing	g dissertations	3-		
docto		*The year i	in which the disser			defended (only for o				
	1 3	4 17		ers within	the field of the giv	en study programn	ne in line witl	h the		
classi	fication of the co	rrespondiı	ng Ministry of Ed	lucation, S		logical Developmen				
1.						<i>Diesel Engine Emissio</i> TSCI18S5483N, 2018		M22		
2.		ort of Powe	der Material, Therm			ith Non-Circular Cro LEAR SCI, 22, pp. S1		M22		
3.	Pressure, Dependi	ing on the	Type of Fuel, FAC	CTA UNIV		ween Fuel Flow Veloc MECHANICAL ENC 2017.		M24		
4.	System in Straight	Channels w		Cross-Sect	ion, Thermal Science,	y <i>Flow in a Two-Pha</i> VINCA INST NUCLI		M23		
5.	seed Oil, Biodiesel	and Diese		ience, VINO		ensity and Bulk Modu SCI, 16, Issue suppl.2		M23		
5.		ficiency, Th	nermal Science, VIN			<i>in with Straight Profil</i> sue suppl.2, pp. S593 -		M23		
7.	Nikolić B.: Istraži motorima SUS [In IC engines],	i vanje kara vestigation Doktorska	kteristika ubrizgav of rapeseed oil and	rapeseed o Univerzitet	il methyl ester high p	tilestra pod visokim ressure injection char (ašinski Fakultet		M71		
8.	A Square Cross-Se	ection Takin nmental Pro	ng Into Account The otection Vol. 15, No.	e Influence	Of Vertical Forces, I	Straight Horizontal Cl Facta Universitatis, Ser EX(Print) ISSN:2406-0	ies: Working	M52		
9.	Square Cross-Sec	tion Consid		<i>Flow</i> , 18th	Sympos. on Therma	ow in Horizontal Cha al Science and Engir		M33		
10.	Granular Materia	ls in Chan	nels With a Nonci	rcular Cro	ss Section Taking In	bution in Pneumatic a to Account Seconda 9973-6-7, Tara, Serbia	ry Flow, 6th	M33		
	Nikolić, B., Milić,	, P., Miloše		Nikolić, B., Milić, P., Milošević, M., Milanović, S.: <i>Ecological and economic aspects of installing devices and equipment for LPG-fuelled vehicles</i> , 17. Symposium on Thermal Science and Engineering of Serbia SIMTERM 2015, Sokobanja, ISBN 978-86-6055-076-9, Proceedings, pp. 1115-1122, 2015.						
11.	equipment for LPC	-			-	neering of Serbia SIM		M33		

Total number of citations, excluding self-citations	36 (Scopus), 27 (W	Yeb of Science), 60 (Google Scholar)			
Total number of papers on the SCI (or SSCI) list	6				
Current participation in projects	Domestic: 1	International: 0			
Professional development:					
Study visit at the Laboratory for Internal Combustion Engin	nes, Faculty of Mechanic	al Engineering in Maribor during 2008 and 2014.			
Other information considered relevant					



First name	and surnan	ne	IVAN R. PAV	<u>'LOVIĆ</u>					
Rank			Assistant profe	essor					
Specialized	scientific fi	eld	Theoretical and	d Applied M	echanics				
Academic o	areer	Year	Institution		Specialized	scientif	ic field		
Election to r	ank	2017	Faculty of Mech Engineering in N		Theoretical	and App	olied Mechanics		
Doctorate		2014	Faculty of Mech Engineering in N		Theoretical	and App	blied Mechanics		
Magister deg	ree								
Master's deg	ree								
Engineer's d		2003	Faculty of Mech Engineering in N	Niš	Production I				
List of disse advisor in t			projects in whic	ch the profe	ssor is curre	ently er	ngaged or was eng	gaged as a doct	oral
№ Diss	ertation-doc	toral art pro	oject title	Candidate'	s name	1	*submitted proposal	**defended	
			(8)	PYR	- 4 /		2		
classification	ion of the p	oublication respondin	of scientific pa	ducation, S	cience and T	echnol	en study program logical Developmo more than 20)		
1 Pavlov	rić I., Pavlov	ić R., Janev	yski G.(2019) Mat	thematical m	odeling and s	tochasti	ic stability analysis nics, Vol. 71(2), 137		M23
2 Pavlov	vić I., Pavlovi	ć R., Janevs	ski G.(2019) <i>Dyna</i>	mic stability	and instability	of nan	obeams based on that athematics, Vol. 72(2)	e higher-order	M22
3. Evalu Monte	ation of gend Carlo simul	<i>ler-based lin</i> ation, Pharn	nited sampling me nazie, Vol. 73(8), 4	ethods for tac 182-485.	rolimus expos	sure aft	Velickovic-Radovar er renal transplanta	ution using the	M23
			ović R., Janevski ering Science, Vol.		2016) <i>Stocha</i> :	stic stal	bility of multi-nano	beam systems,	M21a
^{3.} 1167–	1180						um systems, Meccan		M21
o. layere	d graphene si	heets embed	lded in an elastic n	nedium, Com	posite Structur	res, Vol	ion and stability beh . 131, pp.672–681.		M21a
beams	, Applied Ma	thematical N	Modelling, Vol. 39	(22), 6941–69	950.		Voigt–Kelvin viscoe		M21
8. system	, Archive of	Applied Med	chanics, 83, 1591-	1605.			ility of a viscoelasti		M22
9. <i>optimi</i>	zation using	advanced e		itation for the			vić G. (2013) Rhe d ence of recycled rul		M21
			ić I. (2012) <i>Dyna</i> urnal of Mechanic			ty of a	double-beam system	m subjected to	M21
symme	etric cross-ply	laminated	plates, Mechanics	Research Con	mmunications,	, 45:28-			M22
1/	vić R., Janev rziteta u Nišu		lović I. <i>Mehanik</i>	a III – Dina	mika [Mecha	inics II	I – Dynamics], Ma	ašinski fakultet	-
			activity of the p						
			g self-citations	-	purce Scopus)			
			(or SSCI) list	19		1			
Current part				Domes	tic: 2	Inte	rnational: 0		
Professional			т						
Other inform	nation consi	dered relev	ant						

First	name and surnam	ie	DUŠAN LJ. P	<u>ETKOVIĆ</u>	1				
Rank	<u> </u>		Assistant profe	essor					
Spec	ialized scientific fi	eld	Production Sys		echnologies				
Acad	emic career	Year	Institution		Specialized s	scientific field			
	on to rank	2017	Faculty of Mech Engineering in N		_	ystems and Technolog	gies		
Docto	orate	2017	Faculty of Mech Engineering in N	anical	Production S	ystems and Technolog	gies		
Magi	ster degree								
Maste	er's degree								
	neer's degree	2007	Faculty of Mech Engineering in N		Energy Engir	neering			
	of dissertations-do or in the previous		projects in whic	ch the profe	essor is curre	ntly engaged or wa	s engaged as a doc	toral	
№	Dissertation-doct	oral art pro	oject title	Candidate	's name	*submitted proposal	**defended		
			(8)	PY	1	2			
*The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period) Categorization of the publication of scientific papers within the field of the given study programme in line with the classification of the corresponding Ministry of Education, Science and Technological Development, in accordance									
						5 not more than 2			
1.	M.Madić, D. Petković, M. Radovanović, <i>Mathematical modeling and optimization of drag line separation in laser cutting of stainless steel</i> , Academic Journal of Manufacturing Engineering, Academic Journal of Manufacturing Engineering, 11, 2, pp. 80 - 86, 1583-7904, 2013.								
2.	D. Petković, M. Ra Engineering Studies 7559, 2013.	dovanović, and Resear	Using genetic algred JESR, Journal	gorithms for of Engineer	optimization on ng Studies and	f turning machining Research JESR, 19,	<i>process</i> , Journal of 1, pp. 47 - 55, 2068-	M24	
3.						nic analysis of maching Produc Engnov, 17,		M52	
4.	D. Petković, M. M ceramic processing					n-conventional mac l 0-235.	hining processes for	M22	
5.	Process Factors W	hen CO2 Lo (Editors: F	aser Cutting of Stranc CUS, Vale	tainless Steel	, METHODS A	Pareto Multi-Object AND TECHNIQUES a CHIAMPO), Fac		M14	
6.						M. Radenković, <i>M</i> . ience, vol. 20(5), 2010	Todeling of Cutting 6, \$1345-\$1354.	M23	
7.	biomedical stainless	s steel, Cher	nical Industry and	Chemical E	ngineering Quar	terly, Vol. 23 Num. 1		M23	
8.	PRACTICE – Adv Schnabelrauch, N. C	ances in C Grujović, K.	linical Research L. Choy), Springe	and Medical r 2018.	Devices (eds.	F. Živić, S. Affato,	•	M13	
9.		icrowave, a	nd water bath po	st-polymeriz		ć, N. Gligorijević, G. unical properties of a	Radenković, Effects crylic denture resin,	M23	
10.		n High-Pov	wer CO2 Laser C				ce Roughness from urnal for Science and	M22	
Cum	ulative data on the	scientific	activity of the	professor				•	
	number of citation				rce Kobson)				
	number of papers of	•		10	,				
	ent participation in p		•	Dome	stic: 2	International: 0			
Profe	ssional developmen - "Faculty of Mecha	nt:	eering. University			1			
	r information consider			-, -, wo yana		, o monno			

First name and surn	ame	JELENA D. PI	<u>ETROVIĆ</u>	<u>4</u> ≚			
Rank		Assistant profes	ssor				
Specialized scientific	field	Energy and Pro	cess Engin	neering			
Academic career	Year	Institution		Specialized scient	ific field		
Election to rank	2019	Faculty of Mecha Engineering in Ni		Theoretical and Ap	plied Fluid Mechanics		
Doctorate	2019	Faculty of Mecha Engineering in Ni	nical	Theoretical and Ap	plied Fluid Mechanics		
Magister degree							
Master's degree	2010	Faculty of Mecha Engineering in Ni		Energy and Process	s Engineering		
Engineer's degree	2010	Faculty of Mecha Engineering in Ni	iš	Energy and Process			
List of dissertations advisor in the previ		projects in which	h the prof	essor is currently e	engaged or was enga	iged as a doct	toral
auvisor in the previ	ous 10 years	47	7 5	68.	*submitted		
№ Dissertation-	doctoral art pr	roject title	Candidat	te's name	proposal	**defended	· · · · · · · · · · · · · · · · · · ·
		CR			12		
doctoral art projects to Categorization of the	rom the previ e publication correspondin	ious period) n of scientific pap ng Ministry of Ed	ers within	n the field of the give Science and Techno	s defended (only for oven study programn blogical Development more than 20)	ne in line witl	
three immiscibl	e fluids in the	e presence of electr	ric and inc	lined magnetic field	odijević, <i>Flow and hed</i> Thermal Science, (20 1/10.2298/TSCI18S557	018), vol. 22,	M22
Miloš M. KOC electrical-condu	IĆ, Živojin M ectivity of walls	I. STAMENKOVIĆ s on <i>MHD flow and</i>	C, Jelena D I heat trans j). PETROVIĆ, Milic <i>fer of micropolar flui</i>	a D. NIKODIJEVIĆ, d, Thermal Science, (2 10.2298/TSCI18S5591	<i>Influence of</i> 018), vol. 22,	M22
Živojin M. STA turbulent MHD	AMENKOVIĆ, channel flow	, Miloš M. KOCIĆ	C, Jelena D (2017), Vo	. PETROVIĆ, The	CFD modeling of two 837 - 850, ISSN 0354	-dimensional	M22
M.Kocić, J. Pet influence of me	rović, Ž. Stan <i>gnetic field</i> , T	nenović, J. Bogdano	ović-Jovano 2016), Vol.		n micropolar fluid flo 91-S1404, ISSN 0354		M23
J. Petrović, Ž. S of two immiscia	tamenković, M ble fluids, The	I. Kocić, M. Nikodij ermal Science, (201	ević, <i>Porou</i> 6), Vol. 20		ydrodynamic flow and 5 - S1417, ISSN 0354		M23
6. of Three Immis	giša, Stamenko cible Fluids in		vić Miloš, I niform Mag		vić Jelena, <i>Flow and E</i> Science, (2014), Vol. 1		M22
Ž. Stamenković	, D. Nikodijev ids with Indud	ić, M. Kocić, J. Nil ced Magnetic Field	kodijević, <i>I</i> I <i>Effect</i> s, T	Magnetohydrodynami	c Flow and Heat Train 12), Vol. 16, pp. S323		M23
Dragiša Nikodij heat transfer of	ević, Živojin S <i>two immiscib</i> l lume 2011, Ar	Stamenković, Dragi le fluids in the pres ticle ID 132302, 18	ca Milenko ence of un	vić, Bratislav Blagoj	ević, Jelena Nikodijev etic field, Mathematica IF2011-0.777)		M22
Jovanović Milos spatial temperat	s, Nikodijević t ure modulati o	Jelena, Nikodijević on on both plates",	INTERNA		of NON-LINEAR M 20151.920)		M21
Miloš M. Jova <i>INSTABILITY</i>	nović, Dragar IN THE PRE	n S. Živković and	Jelena D PERATURI	. Nikodijević "RAY. E VARIATION AT I	LEIGH-BENARD CO THE LOWER WALL"		M23
Dragiša Nikodij Heat Transfer of Corporation M 10.1155/2011/13	ević, Živojin S of Two Immisc (athematical I (32302 (M22 IF	tamenković, Dragica <i>ible Fluids in the F</i> Problems in Engi 20110.777)	a Milenkovi Presence of ineering V	ić, Bratislav Blagojevi <i>Uniform Inclined M</i>	ć and Jelena Nikodijev agnetic Field", Hindav ele ID 132302, 18	wi Publishing	M22
Cumulative data on		·	rofessor				
Total number of citat			21 (so	urce Scopus)			
	1 00	(or SSCI) list	11				

Current participation in projects	Domestic: 1	International: 0				
Professional development						
International Workshop for Laser Flow Measurements, organized by the Faculty of Mechanical Engineering, University of Belgrade, June						
2011.						
Other information considered relevant						



First	name and surnam	ne	DRAGAN S. RA	<u>KIĆ</u>					
Rank			Assistant professo	or					
Spec	alized scientific fi	eld	Mathematics and	Compu	iter Science				
Acad	emic career	Year	Institution		Specialized sci	ientific fi	eld		
Electi	on to rank	2018	Faculty of Mechanic Engineering in Niš	cal	Mathematics an	nd Compu	uter Science		
Docto	rate	2015	Faculty of Sciences Mathematics in Niš		Functional Ana	alysis			
Magi	ster degree								
	er's degree								
	elor's degree	2008	Faculty of Sciences Mathematics in Niš		Mathematics an				
	List of dissertations-doctoral art projects in which the professor is currently engaged or was engaged as a doctoral advisor in the previous 10 years								
№	Dissertation-doc	•	oject title	Candid	ate's name		submitted proposal	**defended	
			(8)6	N A	- 4 V				
docto	ral art projects), ** ral art projects fron	The year in the previ		tion-do	octoral art projec	ct was de	efended (only for o	dissertations-	
class	fication of the cor	respondin	of scientific paper g Ministry of Educ uirements for the g	cation,	Science and To	echnolo	gical Developmer		
1.			S. Đorđević, <i>Linear</i> jinear and Multilinear						M22
2.	D. S. Rakić, D. S. I)jordjević, A	A note on topological tički fakultet u Nišu, v	direct s	sum of subspaces	, Functio			M51
3.	D. S. Rakić, A no	te on Rao	and Mitra's constraint, pp. 102 - 108, 2017,	ined in	verse and Drazii	n's (b,c)	inverse, Linear Al	gebra and its	M21
4.	D. S. Rakić, D. S. land its Applications	Djordjević, , Elsevier, v	Partial orders in ring vol. 471, pp. 203 - 223	gs based 3, 2015,	d on generalized doi: 10.1016/j.laa	<i>inverses</i> a.2015.01	- unified theory, Lands	inear Algebra	M21
5.			ć, <i>Star, sharp, core</i> Elsevier, vol. 259, pp					tion, Applied	M21a
6.			f sharp and core pas, vol. 9, no. 3, pp. 22					Mathematical	M21
7.	Multilinear Algebra	, Taylor & I	Djordjević, <i>Star, left</i> -Francis, vol. 63, no. 2,	, pp. 343	3 - 365, 2015, doi	i: 10.1080	/03081087.2013.86	6670	M21
8.	Institute of Mathe 10.5486/PMD.2015	ematics, Ui .7161	J. Marovt, <i>Minus par</i> niversity of Debrece	en, Hui	ngary, vol. 87,	no. 3-4	l, pp. 291 - 305	, 2015, doi:	M23
9.	Mathematics and Co	omputation,	S. Djordjević, <i>Core in</i> Elsevier, vol. 244, pp	o. 283 - 3	302, 2014, doi: 10	0.1016/j.a	mc.2014.06.112		M21
10.	involution, Linear A	Algebra and	D. S. Djordjević, <i>Gro</i> Its Applications, Else	vier, vo	1. 463, pp. 115 - 1	133, 2014	, doi: 10.1016/j.laa.2	2014.09.003	M21
11.	Mathematicae, Sprii	nger Interna	Space pre-order and a tional Publishing, vol	. 85, no.	. 3, pp. 429 - 448,	, 2013, do	oi: 10.1007/s00010-0	012-0133-2	M21
12.	the International Lin	near Algebra	a ring induced by min a Society, vol. 23, pp.	1040 -				gebra, ILAS–	M22
			activity of the pro						
	number of citation			+	(source Scopus))			
	number of papers of		(or SSCI) list	11		T -			
	ent participation in p			Dom	estic: 1	Intern	ational: 0		
Professional development Other information considered relevant									
Otne	information consid	iered relev	ant						

Rank	First name and surname		JULIJANA D	. SIMONO	<u> </u>					
Rank			Assistant profe	essor						
Spec	ialized scientific	field	Theoretical and	d Applied N	/lechanics					
Acad	lemic career	Year	Institution	Institution Specialized scientific field						
Electi	ion to rank	2017		Faculty of Mechanical Engineering in Niš Theoretical and Applied Mechanics						
Docto	orate	2012	Faculty of Mechanical Engineering in Niš		Theoretical and A	Applied Mechanics				
	ster degree	2008	Faculty of Mech Engineering in N		Theoretical and A	Applied Mechanics				
	er's degree									
Engir	neer's degree	2000	Faculty of Mech Engineering in N		Hydropower Eng	gineering				
	of dissertations-cor in the previous		t projects in whic		essor is currently	engaged or was enga	nged as a doct	oral		
№	Dissertation-do	octoral art p	roject title	Candidate	's name	*submitted proposal	**defended			
			18.			12				
docto docto Cate	oral art projects), oral art projects fr gorization of the	**The year om the prev publicatio	in which the disserious period) n of scientific pa	ertation-doc pers within	toral art project w	nitted (only for ongoin ras defended (only for given study programm nological Developmen	dissertations- ne in line with	ı the		
					ld (minimum 5 no		nt, m accorda	nce		
1.	Editors: Prof. B. Machado (Polytec	Balachandran hnic Institute	(University of Ma of Porto), Prof. G. S	ryland), Prof Stepan (Budaj	. J. Ma (Lanzhou U	n model, NODYCON201 Jniversity of Technology chnology and Economics)), Prof. J.A.T.	M2		
2.	Hedrih (Stevanov with non-line	vić) K R. and ar layers,	l Simonović J., (20 Int. J. No	015), <i>Structi</i> on-Linear		ystems of deformable by 73, July 2015,	odies coupled pp. 18–	M2		
3.	Simonović J.,(20 Iranian Journal o	15), <i>Influen</i> f Science and	ce of rolling visco d Technology, Tran	-elastic coup sactions of I	Mechanical Enginee	24, http://dx.doi.org/10.1016/j.ijnonlinmec.2014.11.004 Simonović J.,(2015), <i>Influence of rolling visco-elastic coupling on non-linear dynamics of double plates system</i> , Iranian Journal of Science and Technology, Transactions of Mechanical Engineering, ref. No. 1271, vol. 39 M1+, pp				
	163-173 ,(April 2015). http://ijstm.shirazu.ac.ir/article_2996_551.html Hedrih (Stevanović) K R, Ivanović-Šašić A., Simonović J., Kolar-Anić Lj., Čupić Ž., (2015), Oscillators: Phenomenological Mappings and Analogies - First Part: Mathematical Analogy and Chains, Scientific Technical					~ / · · · ·	IV1 Z.			
4.	Phenomenologic	al Mappings		First Part: 1	ć J., Kolar-Anić Mathematical Analo		Oscillators:			
4. 5.	Phenomenologica Review, 2015, Vo Simonović J., Ka elastically connec	<i>al Mappings</i> 1.65,No.3,pp. arličić D. a cted double-	and Analogies - 27-38. http://www nd Cajić M., (2014 membrane system,	First Part: 1 .vti.mod.gov 4), An ene	ć J., Kolar-Anić Mathematical Analo .rs/ntp/eindex.htm rgy analysis of the		Oscillators: ific Technical ons of visco-	M5		
5.	Phenomenologica Review, 2015, Vo Simonović J., Ka elastically connect No 3, Dec. 2014, Simonović J., (20	al Mappings 1.65,No.3,pp. arličić D. a cted double- pp.325-337, 14), Synchro	and Analogies - 27-38. http://www nd Cajić M., (2014 membrane system, ISSN: 0354-2025. onization in Chains	First Part: 1 vti.mod.gov A), An eneror FACTA UN s of Materia	ć J., Kolar-Anić Mathematical Analo .rs/ntp/eindex.htm rgy analysis of the IIVERSITATIS Seri	ogy and Chains, Scients free transverse vibrati	Oscillators: ific Technical ons of visco- ring, Vol. 12,	M5		
5. 6.	Phenomenologica Review, 2015, Vo Simonović J., Ka elastically connec No 3, Dec. 2014, Simonović J., (20 (2014) 42, No. 4, Simonović J., (2015) Dynamical Systems	al Mappings 1.65,No.3,pp. arličić D. a cted double- pp.325-337, 14), Synchron pp. 341-345, 3), Synchron s, Volume 21,	and Analogies - 27-38. http://www.nd Cajić M., (2014membrane system, ISSN: 0354-2025. mization in Chains © Faculty of Mechation in Coupled System (2013), pp. 14	First Part: 1 .vti.mod.gov 4), An ener FACTA UN s of Materia nanical Engir stems with Di 11-148, © Spri	ć J., Kolar-Anić Mathematical Anald .rs/ntp/eindex.htm rgy analysis of the IIVERSITATIS Seri I Particles with Noi neering, Belgrade, do fferent Type of Coupl nger 2013. DOI. 10.10	ogy and Chains, Scientics free transverse vibraticies: Mechanical Engineen-linear Features, FME poi:10.5937/fmet14043413/ling Elements, Differential 1007/s12591-012-0130-x	Oscillators: ific Technical ons of visco- ring, Vol. 12, E Transactions S Equations and	M5 M2 M2		
	Phenomenologica Review, 2015, Vo Simonović J., Ka elastically connec No 3, Dec. 2014, Simonović J., (20 (2014) 42, No. 4, Simonović J., (2015) Dynamical Systems Hedrih (Stevanov non-linear dynam	al Mappings 1.65,No.3,pp. arličić D. a cted double-i pp.325-337, 14), Synchro pp. 341-345, 3), Synchroniz, s, Volume 21, vić) K R. and nics", NONI	and Analogies - 27-38. http://www.nd Cajić M., (2014) membrane system, ISSN: 0354-2025. Onization in Chains © Faculty of Mechagation in Coupled System (2013), pp. 14d Simonović J.,(2014)	First Part: 1 vti.mod.gov 4), An ener FACTA UN s of Materia anical Engir stems with Di 11-148, © Spri 012), "Multi- CS, (2012), v	ć J., Kolar-Anić Mathematical Analo .rs/ntp/eindex.htm rgy analysis of the IIVERSITATIS Seri I Particles with Noneering, Belgrade, do fferent Type of Couplinger 2013. DOI. 10.10 .frequency analysis vol. 67 br. 3, pp. 229	ogy and Chains, Sciential free transverse vibratians: Mechanical Engineen in-linear Features, FME poi:10.5937/fmet14043415 ling Elements, Differential	Oscillators: ific Technical ons of visco- ring, Vol. 12, E Transactions S Equations and	M5 M2 M2 M5		
5. 6. 7.	Phenomenologica Review, 2015, Vo Simonović J., Ka elastically connect No 3, Dec. 2014, Simonović J., (20 (2014) 42, No. 4, Simonović J., (201: Dynamical System: Hedrih (Stevanov non-linear dynam http://link.springe Hedrih (Stevanov system, Internation	al Mappings 1.65,No.3,pp. arličić D. a cted double-i pp.325-337, 14), Synchron pp. 341-345, 3), Synchron s, Volume 21, vić) K. R. and nics", NONI pr. com/article vić) K., Sim- onal Journal of	and Analogies - 27-38. http://www.nd Cajić M., (2014) membrane system, ISSN: 0354-2025. mization in Chains © Faculty of Mechation in Coupled System 1 (2013), pp. 14d Simonović J., (2011), IO1007%2Fs1107 onović J., (2011), I of Bifurcation and C	First Part: 1. vti.mod.gov 4), An ener FACTA UN 5 of Materia anical Engir stems with Di 11-148, © Spri 1012), "Multi- CS, (2012), v 1-011-0147- influence of thaos, vol. 21	ć J., Kolar-Anić Mathematical Analo .rs/ntp/eindex.htm rgy analysis of the IIVERSITATIS Seri I Particles with Non the ering, Belgrade, do fferent Type of Coupl nger 2013. DOI. 10.10 -frequency analysis vol. 67 br. 3, pp. 229 7 nonlinearity in ene br. 10, str. 2993-30	ogy and Chains, Sciential free transverse vibratians: Mechanical Engineem-linear Features, FME pi:10.5937/fmet14043415 ling Elements, Differential 207/s12591-012-0130-x of the double circular 29-2315, 2012 Springer. Pergy transfer of double 2011. ISSN 0218-1274	Oscillators: ific Technical ons of visco- ring, Vol. 12, E Transactions E Equations and plate system circular plate	M5 M2 M5 M5		
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Nov. 2017 - Oct. 2019: post PhD research as PI (principal investigator) of Project MMoBEER that has received funding from the European Union's H2020 MGA MSCA-IF-2016under grant agreement No. 752793, Grant amount 195,454.80 Euro

Dec. 2015 - Jun. 2016: post PhD research as PI of project Bone Tissue Advanced Modeling with Piezoelectricity at Interdisciplinary Centre for Mathematical and Computational Modelling of Warsaw University, ERASMUS MUNDUS ACTION 2 PROJECT SIGMA AGILE, Estimated amount 15,000.00 Euro

Other information considered relevant



First	name and surnam	ne	VLADIMIR S.	STOJ	<u>ANOVIĆ</u>			
Rank			Assistant profes	ssor				
Specia	alized scientific fi	eld	Theoretical and	Applie	d Mechanics			
Acado	emic career	Year	Institution		Specialized scientific f	ield		
Election	on to rank	2016	Faculty of Mecha Engineering in N	Ity of Mechanical Theoretical and Applied Mechanics neering in Niš				
Doctor	rate	2013	Faculty of Mecha Engineering in N		Theoretical and Applied	d Mechanics		
	ter degree							
	r's degree							
Engin	eer's degree	2008	Faculty of Mecha Engineering in N		Mechatronics			
					rofessor is currently e	ngaged or was enga	ged as a doct	toral
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1.	Switzerland, pp 166	, ISBN 978-	-3-319-13766-7, (20	015)				M11
2.					s and critical velocity of ibration, vol. 434, 475-50		m moving on	M21
3.	V. Stojanović, M. P	Petković, No	onlinear dynamic a	nalysis	of damaged Reddy-Bick		on an elastic	M21
4.	V. Stojanović, P. K	Cozić, and	G. Janevski, <i>Exact</i> beam system using	closed-j	l. 385, 239-266 (2016) form solutions for the n nenko and high-order sh			M21
5.		Petković, D.	Milić, Nonlinear		is of a coupled beam-ar	ch bridge system, Jour	rnal of Sound	M21
6.	V. Stojanović, P. K	ozić, M. Pe	tković, Dynamic in	nstability	y and critical velocity of		rmly along a	M21
7.		Petković, J.	Deng, Stability of	paramet	1 Structures, vol. 108, 164 ric vibrations of an isolo 2019)		oly laminated	M21
8.	V. Stojanović, M.	Petković, J	. Deng, Stability	and vib	rations of an overcritica an Journal of Mechanics			M21
9.	V. Stojanović, M. I	Petković, J.	Deng, Instability of	of vehicl	e systems moving along		, ,	M21
10.	V. Stojanović, M. I	Petković, J.	Deng, Stability of	vibratio	. 69, 238–254 (2018) ons of a moving railway			M21
11.	V. Stojanović, Georg	netrically n	onlinear vibrations	of bean	al of Mechanical Sciences as supported by a nonline	ear elastic foundation		M21
12.	V. Stojanović, P. Ko	ozić, M. Ris	tić, Vibrations and	stability	Jumerical Simulation, vol analysis of multiple rect	tangular plates couple		M21
13.		ibeiro, S. St	oykov, <i>Non-linear</i>	vibratio	nal of Mechanical Science n of Timoshenko damag 9. (2013)			M21
14.	V. Stojanović, P. Ko	ozić, <i>Forced</i>	d transverse vibrati	ion of R	ayleigh and Timoshenko al Sciences, vol. 60, 59-71		with effect of	M21
15.		Kozić, <i>Stoci</i>	hastic stability of a		beams using contact tra		Probabilistic	M21
16.		Stojanović,	Nonlocal forced		ns of rotating cantilever	nano-beams, Europe	an Journal of	M21
17.	P. Kozić, R. Pavlov narrow bands, Jour	ić, G. Janev nal of Vibra	ski, and V. Stojano tion and Control, v	vić, <i>Mor</i> ol. 17, 9	nent Lyapunov exponent 88-999, (2011)			M21
18.		Radojčić, V	V. Stojanović, Acc	curacy o	f incidental dynamic a	nalysis of mobile ele	evating work	M21
	ılative data on the							
	number of citation			172				
Γotal	number of papers of	on the SCI	(or SSCI) list	26	*(6 chapters in M11)			

Current participation in projects	Domestic: 1	International: 1		
Professional development				
Lakehead University, Ontario, Canada, 4 months (2017 and 2018), Engenharia University, Porto, 12 months (2012)				
Other information considered relevant				



Assistant professor Specialized scientific field Thermal Engineering, Thermoenergetics and Process Engineering	First na	ame and surnan	ie	MIRKO M. ST	OJILJKO	<u>OVIĆ</u>			
Specialized scientific field Academic career Year Institution Specialized scientific field Election to rank 2016 Faculty of Mechanical Engineering in Nis Faculty of Mechanical Engineering in Nis Magister degree Master's degree Master	Rank			Assistant profes	ssor				
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Doctorate 2015 Faculty of Mechanical Engineering. Thermoenergetics and Process Engineering in Nis Engineering in the previous 10 years New Dissertations-doctoral art projects in which the professor is currently engaged or was engaged as a doct advisor in the previous 10 years New Dissertation-doctoral art project title Candidate's name "submitted proposal "#defended proposal art projects," "The year in which the dissertation-doctoral art project was defended (only for ongoing dissertations-doctoral art projects," "The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period). Categorization of the publication of scientific papers within the field of the given study programme in line with classification of the corresponding Ministry of Education, Science and Technological Development, in accordant the additional standard requirements for the given field (minimum Son tom or than 2011). Solijiković, M. M., Bi-level mulia-objective fuzzy design optimization of energy supply systems aided by problem-specific fuzzy design optimization of energy supply systems aided by problem-specific fuzzy design optimization of energy supply systems and by problem-specific fuzzy design optimization of energy supply systems and by problem-specific fuzzy design optimization of energy supply systems and by problem-specific fuzzy design optimization of energy supply systems and was energy analysis or an existing boller, Energy Conversion and Management 104 (2015), pp. 81-6. Vucković, G. D., Stojijković, M. M., Vukić, M. V., First and second level of exergy destruction sphitting in advanced exergy analysis for an existing boller, Energy Conversion and Mana	Acaden	nic career	Year	Institution		Specialized s	cientific field		
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Master's degree Engineer's degree Zooo Faculty of Mechanical Engineering Thermal Engineering, Thermoenergetics and Process Engineering Thermal Engineering Thermoenergetics and Process Engineering Thermal Engineering Thermoenergetics and Process Advisor in the previous 10 years Ne Dissertation-doctoral art project title Candidate's name *submitted proposal *edefended proposal *submitted proposal *edefended Thermal Engineering Thermoenergetics and Process Engineering *submitted proposal *edefended Thermal Engineering Thermoenergetics and Process Engineering *submitted proposal *edefended *submitted proposal *submitted proposal *submitted proposal *edefended Thermal Engineering Thermoenergetics and Process Engineering *submitted proposal *edefended *submitted proposal *edefended *submitted proposal *submitted proposal *edefended *condidate's name *submitted proposal *edefended *follows a submitted proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects from the previous period *condidate in the proposal of the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period Categorization of the publication of scientific papers within the field of the given study programme in line with classification of the publication of scientific papers within the field of the given study programme in line with the additional standard requirements for the given field (minimum for them 20) Loop Stoilipkowk, M. M., Belsevel multi-objective fuzzy design optimization of energy supply systems aided by problem-specific heuristics, Energy 37 (2017), pp. 123 –125. Stoilipkowk, M. M., Elightowk, M. M., Vakio, M. V., Stoilipkowk, M. M., Stoilipkowk, M.	Doctora	te	2015						
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List of dissertations-doctoral art projects in which the professor is currently engaged or was engaged as a doct advisor in the previous 10 years **Dissertation-doctoral art project title Candidate's name **Submitted proposal **defended proposal **defended proposal **The year in which the proposal of the dissertation-doctoral art project, was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for ongoing dissertations-doctoral art projects from the previous period) Categorization of the publication of scientific papers within the field of the given study programme in line with classification of the corresponding Ministry of Education, Science and Technological Development, in accordation with the additional standard requirements for the given field (minimum 5 not more than 20) 1. Stojiljković, M. M., Bi-level multi-objective fuzzy design optimization of energy supply systems aided by problem-specific heuristics, Energy 137 (2017), pp. 1231–1251. 2. Stojiljković, M. M., Ingilatović, M. G., Vučković, G. D., Greenhouse gases emission assessment in residential sector through buildings simulations and operation optimization. Energy 29 (2015), pp. 420–431. 3. Vučković, G. D., Stojiljković, M. M., Vukić, M. V., First and second level of exergy destruction splitting in advanced exergy analysis for an existing boiler. Energy Conversion and Management 104 (2015), pp. 81–61. 4. Vučković, G. D., Stojiljković, M. M., Ukić, M. V., Stefanović, G. M., Dedic, E. M., Advanced exergy analysis and exergoeconomic performance evaluation of thermal processes in an existing industrial plant, Energy Conversion and Management 85 (2014), pp. 655–662. 5. Stojiljković, M. M., Stojiljković, M. M., Ignjatović, M. G., Vučković, G. D., Cost-optimal energy retrofut for Serbian residential buildings connected to district heating systems. Thermal Science, DOL10.2298TSC1180302538. 5. Stojiljković, M. M., Stojiljković, M. M., Wilković, D. D., M.									
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Current participation in projects Domestic: 1 International: 0	Total nu	umber of papers of	on the SCI	(or SSCI) list	_				
		participation in	rojects		Domes	etic: 1	International: 0		

Professional development	
Other information considered relevant	



First	name and surna	me	MILAN B. TRI	FUNOVI	<u>Ć</u>			
Rank			Assistant profess	sor				
Speci	alized scientific	field	Production Syste		echnologies			
	emic career	Year	Institution		Specialized scien	ntific field		
	on to rank	2016	Faculty of Mechan Engineering in Niš		-	ms and Technologies		
Docto	orate	2016	Faculty of Mechan Engineering in Niš	nical	Production Syste	ms and Technologies		
Magis	ster degree							
Maste	er's degree							
Engir	eer's degree	2003	Faculty of Mechan Engineering in Niš		Production Syste	ms and Technologies		
	of dissertations-d or in the previou			the pro	fessor is current	ly engaged or was eng	aged as a doct	oral
№	Dissertation-do	octoral art p	project title	Candidat	e's name	*submitted proposal	**defended	
			(8)	N.Y.	11/	2		
docto docto	ral art projects), * ral art projects fro gorization of the	**The year om the prev publication	in which the disse vious period) on of scientific pap	ertation-do	n the field of the	omitted (only for ongoin was defended (only for e given study program	dissertations- me in line witl	n the
						hnological Developme not more than 20)	nt, in accorda	nce
1.	Software Framew	ork for the	Creation and Appli	cation of P	Personalized Bone	nović, M., Mišić, D., & M. and Plate Implant Geome 0.1155/2018/6025935		M23
2.	features in free	e-form obje		. Artificia	l Intelligence for	kovic, N. (2016). <i>Analysi</i> r Engineering Design,		M23
3.	technological fed	utures. In I	F. Cus, V. Gecevsl	ka, & F.	Chiampo (Eds.), I	antic interpretation of g Methods and techniques ing. ISBN: 978-961-248-4	for industrial	M14
4.						nalogy-Based Reasoning 0.2298/CSIS141103036S	g in Semantic	M23
5.		rk. Internati	onal Journal on A). Recognizing Topologic 24(3), 1550006-1 - 1550		M23
6.	based reasoning	in semantic	network. Proceedi	ngs of the	4th International 6). Approach in realization Conference on Information a. ISBN: 978-86-85525-1	on Society and	M33
7.	anatomically sha	ped lattice omputation	scaffolds for the b	bone tissue	recovery. Procee	& Vitkovic, N. (2013). <i>D</i> dings of the 3rd South-lh-14th June 2013, Kos i	East European	M33
8.	Simplified Tread	Tire Model		olling Ana	lysis. Strojarstvo:	& Milovanović, J. (2012 časopis za teoriju i praksu 37870		M23
9.	model of human t	ibia and pre	<i>liminary analysis</i> . Pr	roceedings	of the 11th Internati	& Stojković, M. (2012). ional Scientific Conference ovi Sad, Serbia. ISBN: 978	e MMA 2012 –	M33
10.	business proces http://nopr.niscair	s manager .res.in/handl	ment systems. Jo le/123456789/7377	ournal of	Scientific & In	ovic, M. (2010). <i>Exceptio</i> ndustrial Research, 690	(3), 188-193.	M23
11.	The Novi Popova	c case. Ther	mal Science, 14(3),	671-679. D		reduction options in cem 091211014S	ent industry –	M23
			ic activity of the p					
	number of citation				ource: Scopus)			
	number of papers		I (or SSCI) list	8	· - ·			
Curre	ent participation in	n projects		Dom	estic: 2	International: 2		

Professional development

"Shop Turn, Shop Mill Operating and Programming Train the Trainer"; a course for working in SIEMENS in-shop CAM programming applications for lathing and milling intended for instructors, organized by: SIEMENS Training for Automation and Industrial Solutions; March 2012; place: Bucharest, Romania



First 1	name and surnam	ie	IVAN T. ĆIRI	<u>Ć</u>					
Rank			Assistant professor						
Specia	alized scientific fie	eld	Automatic Con	trol and Ro	botics				
Acade	emic career	Year	Institution		Specialized s	ed scientific field			
Electio	on to rank	2016	Faculty of Mecha Engineering in N		Automatic Control and Robotics				
Doctor	rate	2015	Faculty of Mechanical Engineering in Niš		Automatic Co	ontrol	and Robotics		
Magist	ter degree	2010	Faculty of Mechanical Engineering in Niš		Automatic Co	ontrol			
Mastei	r's degree								
Engineer's degree 2004			Faculty of Mecha Engineering in N	iš	Mechatronics				
	f dissertations-doo or in the previous		projects in whic	h the profe	ssor is currei	ntly e	ngaged or was enga	iged as a doct	toral
No	Dissertation-doct	oral art pr	oject title	Candidate'	s name	1	*submitted proposal	**defended	
			13.		-	A.			
doctor doctor Catego classif	al art projects), ** al art projects fron orization of the p	The year in the previous the pr	n which the disserous period) of scientific parag Ministry of Ed	rtation-doct pers within lucation, So	oral art project the field of the cience and To	he giv	ted (only for ongoing defended (only for one en study programn plogical Developmen	dissertations- ne in line witl	h the
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	Suppl. 5, str. S1551-	·S1561					Thermal Science, 2018		M22
2.		on Under	Unfavorable Cond	itions Using	Feedforward	' Neu	Miloš B. Simonović , val Network For Proc va.2016.11.030		M21a
3.	Ivan R. Pavlović: 7	Thermal Vi	sion based Intellig	gent System	for Human D	etecti	lilica V. Ćirić, Miloš E on and Tracking in M 559 doi:10.2298/TSCI1	Mobile Robot	M22
4.		ing Artifici	ial Neural Network				t Load Prediction of S 2016, Vol.20, Suppl.5		M22
5.		nal Journal	l of Engineering				chastic stability of mu. Pages 88-105, ISSN		M21a
6		ović Ratko,	, Ćirić Ivan, Karlič				nonlocal Voigt–Kelvii er	n viscoelastic	M21
7.	control of thermal v	rision-based	l Person-Following	g Robot Platj	form, Thermal	Scienc	ek, Branko AJ; <i>Intelli</i> ee,18,3,957-966,2014		M22
8.		advanced e	volutionary compu	tation for th			ović, G. (2013). Rheol uence of recycled rubb		M21
	Ćirić I., Ćojbašić Ž., <i>Methodologies</i> , The					Estima	tion by Computationa	l Intelligence	M22
10.	control strategies for pp.S483-S491	or improvii	ng the energy cap	ture of a w	ind farm, THI	ERM <i>A</i>	iric Ivan T, <i>Hybrid so</i> LL SCIENCE, (2012),	vol. 16 No.,	M22
11.	Bed Combustion Pr	ocess, Ther	mal Science, Vol.	15, No 2, pp.		igent l	Modelling and Control	l of Fluidized	M23
	llative data on the								
	number of citations			,	rce Scopus)				
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	nt participation in p			Domes	tic: 2	Inte	ernational: 1		
	sional developmen								
Other	information consid	tered relev	ant						

Rank		name	TELETEST II (DICT	1.17 0 1 1111	<u>KOVIĆ</u>			
Rank			Assistant professo	or				
Speci	ialized scientif	ic field	Mechatronics					
Acad	lemic career	Year	Institution		Specialized scient	ific field		
Electi	ion to rank	2019	Faculty of Mechanic Engineering in Niš	cal	Mechatronics			
Docto	orate	2013		Faculty of Electronic Telecommunications				
Magis	ster degree	2007	Faculty of Electroni Engineering in Niš	С	Telecommunicatio	ns		
Maste	er's degree							
	neer's degree	2001	Faculty of Electroni Engineering in Niš		Electronics and Te			
	of dissertations sor in the previ			ch the profe	essor is currently e	engaged or was enga	aged as a doc	toral
No	Dissertation-	•	11/10	Candidate	's name	*submitted proposal	**defended	
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1.	M. Petković, A Uysal, C. Caps	A. Cvetkovio soni, Z. Gha	ź, G. T. Đorđević: <i>Per</i> assemlooy, A. Boucou	formance of valas, and E.	mixed RF/FSO rela G. Udvary (Eds.), O	ying systems, poglavlj ptical Wireless Commu		M13
2.	A. M. Cvetkov interference-li	ric, V. Blag mited Nak a		ormance anal onment, ETR	<i>lysis of nonlinear en</i> I Journal, vol. 39, n	ergy-harvesting DF reco. 6, pp. 803–812, De		M23
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First name and surname		DRAGAN Z. MARINK	DRAGAN Z. MARINKOVIĆ				
Rank		Full professor	Full professor				
Specialized scientific field		Transport Engineering and	Logistics				
Academic career Year		Institution	Specialized scientific field				
Election to rank	2018	Faculty of Mechanical Engineering in Niš	Transport Engineering and Logistics				
Doctorate	2006	Otto von Guericke University Magdeburg	Active Structures				
Magister degree							
Master's degree							
Engineer's degree	1999	Faculty of Mechanical Engineering in Niš	Mechanical Design and Mechanization				

List of dissertations-doctoral art projects in which the professor is currently engaged or was engaged as a doctoral advisor in the previous 10 years

№	Dissertation-doctoral art project title	Candidate's name	*submitted proposal	**defended
1.	"Multi-objective optimization of technical systems maintenance process based on probability methods and artificial intelligence"	Goran Petrović	125	22/05/2013
2.	"Development of isogeometric finite element method and its application in structural analysis of transport machines"	Predrag Milić	100	11/05/2018

^{*}The year in which the proposal of the dissertation-doctoral art project was submitted (only for ongoing dissertations-doctoral art projects), **The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period)

Categorization of the publication of scientific papers within the field of the given study programme in line with the classification of the corresponding Ministry of Education, Science and Technological Development, in accordance with the additional standard requirements for the given field (minimum 5 not more than 20)

1.	Korunović N., Fragassa C., Marinković D., Vitković N., Trajanović M.: <i>Performance evaluation of cord material models applied to structural analysis of tires</i> , (2019) Composite Structures, 224, art. no. 111006	M21
2.	Marinkovic, D., Zehn, M.: Survey of finite element method-based real-time simulations, (2019) Applied Sciences (Switzerland), 9 (14), art. no. 2775	M22
3.	Korunovic N., Marinkovic D., Trajanovic M., Zehn M., Mitkovic M., Affatato S.: <i>In silico optimization of femoral fixator position and configuration by parametric CAD model</i> , (2019) Materials, 12 (14), art. no. 2326	M21
4.	Mitrev R., Marinković D.: <i>Numerical study of the hydraulic excavator overturning stability during performing lifting operations</i> , (2019) Advances in Mechanical Engineering, 11(5)	M23
5.	Ha G.X., Marinkovic D., Zehn M.W.: <i>Parametric investigations of mechanical properties of nap-core sandwich composites</i> , (2019) Composites Part B: Engineering, 161, pp. 427-438.	M21a
6.	Ha G.X., Zehn M.W., Marinkovic D., Fragassa C.: <i>Dealing with nap-core sandwich composites: How to predict the effect of symmetry</i> , (2019) Materials, 16 (6), art. no. 874	M21
7.	Rama G., Marinkovic D., Zehn M.: <i>High performance 3-node shell element for linear and geometrically nonlinear analysis of composite laminates</i> , (2018) Composites Part B: Engineering, 151, pp. 118-126.	M21a
8.	Marinkovic D., Zehn M., Rama G.: <i>Towards real-time simulation of deformable structures by means of co-rotational finite element formulation</i> , (2018) Meccanica, 53 (11-12), pp. 3123-3136.	M22
9.	Marinković D., Zehn M.: Consideration of Stress Stiffening and Material Reorientation in Modal Space Based Finite Element Solutions, (2018) Physical Mesomechanics, 21 (4), pp. 341-350.	M21
10.	Rama G Marinkovic D., Zehn M.: A three-node shell element based on the discrete shear gap and assumed natural deviatoric strain approaches, (2018) Journal of the Brazilian Society of Mechanical Sciences and Engineering, 40(7), art. no. 356	M22
11.	Rama G., Marinković D., Zehn M.: <i>Efficient three-node finite shell element for linear and geometrically nonlinear analyses of piezoelectric laminated structures</i> , (2018) Journal of Intelligent Material Systems and Structures, 29 (3), pp. 345-357.	M22
12.	Marinković D., Zehn M.: <i>Corotational finite element formulation for virtual-reality based surgery simulators</i> , (2018) Physical Mesomechanics, 21 (1), pp. 15-23.	M21
13.	Rama G., Marinkovic D.Z., Zehn, M.W.: <i>Linear shell elements for active piezoelectric laminates</i> , (2017) Smart Structures and Systems, 20(6), pp. 729-737.	M22
14.	Marinković D., Rama G.: Co-rotational shell element for numerical analysis of laminated piezoelectric composite structures, (2017) Composites Part B: Engineering, 125, pp. 144-156.	M21a
15.	Mitrev R., Janošević D., Marinković D.: <i>Dynamical modelling of hydraulic excavator considered as a multibody system</i> , (2017) Tehnicki Vjesnik, 24, pp. 327-338.	M23
16.	Milić P., Marinković D., <i>Isogeometric FE analysis of complex thin-walled structures</i> , (2015) Transactions of Famena, 39 (1), pp. 15-26.	M23

17.	Jovanović V.D., Janošević D.B., Marinković D.Z.: Determination of the load acting on the axial bearing of a slewing platform drive in hydraulic excavators, (2015) Acta Polytechnica Hungarica, 12(1), pp. 5-22.						
18.	Nestorović T., Marinković D., Shabadi S., Trajkov M., <i>User defined finite element for modeling and analysis of active piezoelectric shell structures</i> , (2014) Meccanica, 49 (8), pp. 1763-1774.						
Cun	Cumulative data on the scientific activity of the professor						
Tota	l number of citations, excluding self-citations	320, 206 (source	Scopus)				
Tota	l number of papers on the SCI (or SSCI) list	38					
Curr	ent participation in projects	Domestic: 2	International: 0				
Profe	essional development						
Othe	er information considered relevant	Editor-in-Chief of Fa	acta Universitatis series Mechanical Engineering				



First	name and surna	ame	DANIJELA I	<mark>). RISTIĆ-</mark>	DURRAN'	<u>r</u>			
Ranl	ζ		Associate prof	essor					
Spec	ialized scientific	field	Automatic Co.	ntrol and Ro	obotics				
Acad	lemic career	Year	Institution		Specialize	ed scient	ific field		
Election to rank 2016		Faculty of Mechanical Engineering in Niš		Automatic Control and Robotics					
Doctorate 2007		University of Bremen, Germany		Robotics					
Magister degree 1998		Faculty of Mechanical Engineering in Niš		Automati	c Control	and Robotics			
Mast	er's degree								
Engi	neer's degree	1992	Faculty of Mech Engineering in 1		Automati	c Control	and Robotics		
	of dissertations-cor in the previous		projects in whi	_	essor is cur	rently 6	engaged or was eng	aged as a doct	oral
№	Dissertation-de	octoral art p	roject title	Candidate	1 7.	1	*submitted proposal	**defended	
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Cate class	oral art projects fr gorization of the ification of the c	om the prev publication orresponding	ious period) n of scientific pa ng Ministry of E	pers within	the field o	of the given	s defended (only for ven study program ological Developme	me in line witl	
with 1.		Muhammad	Abdul Haseeb, I	Danijela Rist	ić-Durrant,		t more than 20) äser, <i>Robot learning</i>	of industrial	M21
2.	Muhammad Abd estimation from	ul Haseeb, Ji	<i>onstrations</i> , Autor anyu Guan, Danije camera, 2018 IEE	la Ristić-Du	rrant, Axel C	Gräser., D	DisNet: <i>A novel metho</i> on Intelligent Robots a	d for distance and Systems -	M33
3.			Ourrant D <u>.</u> , Nikolić ction on Rail Trac				nić M., <i>Advanced The</i>	ermal Camera	M22
4.	A. Leu; M. Raza	vi; L. Langst lective ha	ädtler; D. Ristić-E rvesting, 2017	Ourrant; H. R	affel; C. Sch	nenck; A. EEE/ASM	Gräser; B. Kuhfuss,	Robotic green on, DOI:	M21a
5.	Ristić-Durrant D., Series: Automatic	Gao G., Leu Control and R	A., <i>Low-level sen</i> Robotics, Vol 15, No	. 1. 2016			<i>for mobile robot</i> , Fact		M24
6.	Supportive FRIE IEEE, vol.20, no.	END at Work 4, pp.148-159	c: Robotic Workpl D, Dec. 2013.	ace Assistan	ce for the L	Disabled,	ngkopoulos C., Ristić- Robotics & Automat	ion Magazine,	M21
7.	Petrović E., Leu	A, Ristić-Du	rant D., Nikolić V Inced Robotic Syst				man Tracking for Rob	ootic Follower,	M23
8.	Gräser A., Kuzm FRIEND: Practic	icheva O., Ri al Experience	stić-Durrant D., Na es and Design Conc	atarajan S., F <i>lusions</i> , at – <i>I</i>	ragkopoulos Automatisieru	C. , Visi	on-based Control of A ik, Vol. 60, Nr. 5, pp. 2	97-308, 2012.	M23
9.	FRIEND: Practical Experiences and Design Conclusions, at – Automatisierungstechnik, Vol. 60, Nr. 5, pp. 297-308, 2012. Ristić-Durrant D., Grigorescu S.M., Gräser A., Ćojbašić Ž., Nikolić V. (2011), Robust Stereo-Vision Based 3D Object Reconstruction for the Assistive Robot FRIEND, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, Issue 4, Year 2011, 15 – 22, DOI: 10.4316/AECE.2011.04003.						M23		
10.		nal Processin	g (has changed tit				ge Processing, EURA nces in Signal Proces		M22
Cum	ulative data on t			professor					
Total	number of citation	ons, excludi	ng self-citations	209 (s	ource Scop	us)			
Total	number of paper	s on the SC	(or SSCI) list	12					
Curre	ent participation i	n projects		Dome	stic: 1	Int	ernational: 2		
Profe	essional developn	nent:							
	ersity of Linz, Austr		001); University o	f Bremen, Ge	rmany (since	2002)			
Othe	r information con	sidered rele	vant Euro		projects; res		tation of several nation and manager of Europ		

First name and surn	ame	JOVAN Ž. DO	<u>ORIĆ</u>				
Rank		Associate prof	essor				
Specialized scientific	field	Motor Vehicles and IC Engines					
Academic career Year		Institution		Specialized s	cientific field		
Election to rank 2017		Faculty of Technical Sciences in Novi Sad		+ -	es and IC Engi	nes	
Doctorate 2012		Faculty of Technical Sciences in Novi Sad		Motor Vehicl	es and IC Engi	nes	
Magister degree							
Master's degree 2008		Faculty of Technical Sciences in Novi Sad		Motor Vehicl	es and IC Engi	nes	
Engineer's degree 2008		Faculty of Technical Sciences in Novi Sad		Motor Vehicl	es and IC Engi	nes	
List of dissertations-on the distribution of the contraction of the distribution of the contraction of the c		projects in which	ch the profe	ssor is curren	tly engaged o	or was engaged as a do	ctoral
№ Dissertation-de	octoral art p	roject title	Candidate'	's name	*submit proposa	**detende	d
		13.					
classification of the c with the additional s	publication orresponding andard req	n of scientific pa ng Ministry of E uirements for th	ducation, Some given field	cience and Te d (minimum :	chnological I 5 not more th	33 A 3	lance
1. The emission of	BTEX compo		ment of pass	enger car in ac		akšić) J., Turk Sekulić M.: the NEDC, Science of the	
2. Dorić J., Klinar I. No 1, pp. 113-12'	: <i>Efficiency o</i> 7, ISSN 0354-	of a new IC engine ·9836	concept with	variable piston		nal Science, 2014, Vol. 18	IVIZZ
 Thermal Science, 	2013, Vol. 17	7, No 1, pp. 119-13	3, ISSN 0354	-9836, UDK: 6:	51	on spark ignition engine	IVIZZ
 Thermal Science, 	2011, Vol. 15	5, No 4, pp. 961-97	4, ISSN 0354	l-9836		ernal combustion engine	IVIZZ
<i>manifold</i> , Therm	al Science, 20	19, DOE: https://d	loi.org/10.229	08/TSCI1807070)63G	in the IC engine intake	IVIZZ
6. <i>cement production</i> Utilization and 10.1080/1556703	on and their Environment 6.2013.78747	impact on nitrog al Effects, 2016,	gen and sulfi Vol. 38,	ur oxides emis No 4, pp. 48	sions, Energy 35-493, ISSN	Lj.: <i>Use of scrap tires in</i> Sources Part A-Recovery 1556-7036, UDK: DO	M23
	ork Heidelb					otor Vehicles, New York 4614-7587-3, UDK: DO	
8. Nikolić N., Toro Crankshaft Main	vić T., Anton Journals, FN	ME Transactions, 2	011, Vol. 39,	No 4, pp. 157-1	64, ISSN 1451		IVI24
Transactions, 201	9, VOL. 47, 1	No 2, pp. 226-233 I	SSN 1451-20)92		inkage Mechanism, FME	M24
Simpozijum o ko	nstruisanju, ol	olikovanju i dizajnu	ı – KOD, Nov	vi Sad, 6-8 Jun,	2018, ISBN 17		MISS
11. CURVE SHAPE TECH, Zagreb: F	FOR LONG aculty of Eng	G JOURNAL BEA ineering, University	A <i>RING</i> , 9. In y of Rijeka, 5	ternational Cor -7 September, 2	ference on Inr 018, pp. 13-16		- M33
12. <i>IC ENGINE</i> , 6. I of Kragujevac, 6-	nternational 0 8 October, 20	Congress Motor Ve 16, pp. 219-226, IS	hicles Motors SBN 978-86-6	s - MVM, Kragı		of Engineering, University	
Cumulative data on t			professor				
Total number of citation	ons, excludii	ng self-citations	24 (soi	ırce Scopus)			
Total number of paper		(or SSCI) list	6				
Current participation i	- v		Domes	stic: 2	Internationa	1: 0	
Professional developn	nent						
						of the Serbian Standardizat	

FIISt	name and surnan	<u> </u>	DRAGAN A. R	<u>tozic</u>				
Rank			Associate profes	ssor				
Speci	alized scientific fi	eld	Motor Vehicles	and IC Eng	ines			
Acad	emic career	Year	Institution		Specialized scien	tific field		
Election to rank 2019		Faculty of Technical Sciences in Novi Sad		Motor Vehicles a	nd IC Engines			
Doctorate 2013		2013	Faculty of Technical Sciences in Novi Sad		Motor Vehicles			
Magis	ster degree	2006	Faculty of Technic Sciences in Novi		Motor Vehicles			
Maste	er's degree							
	eer's degree	1999	Faculty of Technic Sciences in Novi	Sad	Motor Vehicles			
	of dissertations-do sor in the previous		projects in which	the profes	sor is currently	engaged or was enga	ged as a doct	oral
№	Dissertation-do	ctoral art p	roject title	Candidate	e's name	*submitted proposal	**defended	
			CB.		7	13.		
Cates classi		ublication respondin	of scientific pape ag Ministry of Edu	ication, Sc	ience and Techn	ven study programm ological Developmen t more than 20)		
1.						r Environmental Qualit 526, 217, pp. 646-657, 20		M21
2.	Galamboš S., Niko	olić N., Ruž	žić D., Dorić J: An	Approach to	o CFD Air Flow	Simulation in the IC E		M22
3.	 Manifold, Thermal Science - International Scientific Journal, doi.org/10.2298/TSCI180707063G, 2019. Ružić D., Bikić S.: An Approach to Modelling a Virtual Thermal Manikin, Thermal Science - International Scientific Journal, 18 (4), pp.1413-1423, 2014. 						M22	
4.	Gazette 25 (5) pp.	1286-1290,	doi.org/10.17559/TV	7-201612150	93920, 2018.	erson Suspension System		M23
5.	Driver, Journal of	Thermal Sci	ence and Technology	y, 35 (1), pp.	125-134, 2015.	n the Local Thermal Se		M23
6.		e, The 9th	International Sympo			simulation of thermal c and Industrial Design in		M33
7.	Motor Vehicles &	Motors - M	VM, pp. 331-338, 20	16.		<i>in interior</i> , VI Internation		M33
8.	Nauka i motorna vo	ozila, Beogr	ad: JUMV, pp. 306-3	320, 2015.		ools in Automotive Eng		M33
9.	International Congr	ess Motor V	Vehicles&Motors 20	14, Kragujev	vac, pp. 525-533, 20			M33
10.	International Congr	ess Motor V	Vehicles&Motors 20	12, pp. 487-4	198, 2012.	Cabin in Host Transfe		M33
11.	 Ružić D., Časnji F.: Thermal Interaction Between a Human Body and a Vehicle Cabin, in: Heat Transfer Phenomena and Applications, ed. Salim N. Kazi, ISBN 978-953-51-0815-3, InTech, Rijeka, pp. 295-318, 2012. Ružić D., Stepanov B.: Estimation of heat flux caused by solar irradiation on a driver of passenger car using 					M4:		
12.	numerical simulati	on, Journal	of Applied Engineer	ing Science,		0	er car using	M5
	ulative data on the				noo Martina C	a Library		
	number of citation				rce Matica Srpsk	a Library)		
	number of papers		(or SSCI) list	5 Domast	io. 2 T	tamational: 0		
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			JELENA D. ST	TEFANOV.	IC MAKII	OVIC				
Rank		Associate professor								
Specia	alized scientific	field	Mechanical Design							
Academic career Year Election to rank 2015		Institution		Specialize	l scientif	ic field				
		Faculty of Mecha Engineering in N		Mechanica	l Design					
Doctor	rate	2008	Faculty of Mecha Engineering in N	nical	Mechanica	l Design				
Magister degree 1997		Faculty of Mechanical Engineering in Niš		Mechanica	l Design					
Master	r's degree									
Engine	eer's degree	1991	Faculty of Mecha Engineering in N		Energetics					
	f dissertations-c or in the previou		t projects in which	n the profes	ssor is curr	ently en	gaged or was en	gaged as a doct	oral	
No	Dissertation-d	Dissertation-doctoral art project title		Candidate	Candidate's name		*submitted proposal	**defended	*defended	
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with tl	ication of the co he additional st Milovančević M. diagrams for dyn	orresponding and ard req		ucation, Sci given field 5 J., Kitić A.,	ience and Tolerand To	Technolo 5 not no Thoi Trun	ogical Developmenore than 20) g N., Wakil K., Kh	ent, in accordant	nce	
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