

**University of Belgrade
Faculty of Mechanical Engineering**

Ph.D. (doctoral) Studies

Mentors

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name					Babic, Rajko, Bojan				
Academic rank					Professor				
Particular scientific field					Production Engineering				
Academic career									
		Date		Institution			Field		
Promotion		25.1.2007.		University of Belgrade, Faculty of Mechanical Engineering			Production Engineering		
Ph.D. degree		9.12.1993.		University of Belgrade, Faculty of Mechanical Engineering			Technical sciences		
M.Sc. Degree		18.1.1983.		University of Belgrade, Faculty of Mechanical Engineering			Production Engineering		
The list of doctoral theses that are being mentored or have been mentored for the last 10 years									
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title				Ph.D. candidate		
1	2012		INTEGRATED PROCESS PLANNING, DIE-DESIGN AND SIMULATION IN SHEET METAL RUBBER FORMING				Muamar Benisa		
Relevant papers published in scientific SCI journals (at least 5, no more than 20)									
1	Babić B., Miljkovic Z., Vukovic N., Antic V. (2012) Towards Implementation and Autonomous Navigation of An Intelligent Automated Guided Vehicle in Material Handling Systems, IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF MECHANICAL ENGINEERING, vol. 36, br. M1, str. 25-40								
2	Babić B., Nesic N., Miljkovic Z. (2011) Automatic feature recognition using artificial neural networks to integrate design and manufacturing: Review of automatic feature recognition systems, AI EDAM-ARTIFICIAL INTELLIGENCE FOR ENGINEERING DESIGN ANALYSIS AND MANUFACTURING, vol. 25, br. 3, str. 289-304								
3	Stamenkovic D., Kojic D., Matija L., Miljkovic Z., Babić B. (2010) Physical Properties Of Contact Lenses Characterized By Scanning Probe Microscopy And Optomagnetic Fingerprint, INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol. 24, br. 6-7, str. 825-834								
4	Bojovic B., Miljkovic Z., Babić B., Koruga Dj., (2009) Fractal Analysis For Biosurface Comparison And Behaviour Prediction, HEMIJSKA INDUSTRIJA, vol. 63, br. 3, str. 239-245								
5	Babić B., Nesic N., Miljkovic Z. (2008) A review of automated feature recognition with rule-based pattern recognition, COMPUTERS IN INDUSTRY, vol. 59, br. 4, str. 321-337								
6	Babić B. (1999) Axiomatic design of flexible manufacturing systems, INTERNATIONAL JOURNAL OF PRODUCTIONS RESEARCH, vol. 37, br. 5, str. 1159-1173								
7	Miljković Z., Vuković N., Mitić M., Babić B. (2012) New Hybrid Vision-Based Control Approach for Automated Guided Vehicles, THE INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, DOI: 10.1007/s00170-012-4321-y								
8	Benisa M., Babic B., Grbovic A., Stefanovic Z., Computer-Aided Modeling of the Rubber-Pad Forming Process, Materials and technology 46 (2012) 5, 503–510.								
9	Miljković Z., Babić B., Machine-Part Family Formation by Using ART-1 Simulator and FLEXY, FME Transactions, Vol 33, Number 3, ISSN 1451-2092, (pp. 157- 162), (2005)								
10	Miljković Z., Babić B., Empirical Control Strategy for Learning Industrial Robot, FME Transactions, Vol 35, Number 1, ISSN 1451-2092, (pp. 1- 8), (2007)								
11	Bojović, B., Miljković, Z., Babić, B., Fractal Analysis of AFM Images of Worn-out Contact Lens Inner Surface, FME Transactions Vol.36 No.4, (175-180) University of Belgrade – Faculty of Mechanical Engineering, 2008.								
12	Mitic M., Miljković Z., Babić B., Empirical Control System Development for Intelligent Mobile Robot Based on the Elements of the Reinforcement Machine Learning and Axiomatic Design Theory, FME Transactions (2011) 39, pp. (1-8) ISSN 1451-2092								
Summary of teacher's scientific activities									
The total number of citations published in the SCI (SSCI) journals		68		The number of national projects in which the teacher is currently engaged				1	
		7		The number of international projects in which the teacher is currently engaged				1	
Advanced professional training									
Other information considered relevant									

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Bošnjak, M, Srđan		
Academic rank		professor		
Particular scientific field		Material Handling, Construction and Logistics		
Academic career				
		Date	Institution	Field
Promotion		16.04. 2009.	University of Belgrade - Faculty of Mechanical Engineering	Material Handling, Construction and Logistics
Ph.D. degree		21.06. 1995.	University of Belgrade - Faculty of Mechanical Engineering	Material Handling, Construction and Logistics
M.Sc. Degree		09.09. 1985.	University of Belgrade - Faculty of Mechanical Engineering	Material Handling, Construction and Logistics

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2006	2012	Dynamic interaction between the structure and the trolley of high performance gantry cranes	Vlada Gašić
2	2009	2012	Synthesis of the Optimal Structure of Laminator Reversible Mechanism using Axiomatic Design	Raša Andrejević

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Bošnjak, S., Arsić, M., Zrnić, N., Rakin, M., Pantelić, M.: Bucket wheel excavator: Integrity assessment of the bucket wheel boom tie-rod welded joint, Engineering Failure Analysis, Vol. 18, issue 1, pp. 212-222, 2011. (кат. M21)
2	Bošnjak, S., Pantelić, M., Zrnić, N., Gnjatović, N., Đorđević, M: Failure analysis and reconstruction design of the slewing platform mantle of the bucket wheel excavator O&K SchRs 630, Engineering Failure Analysis, Vol. 18, issue 2, pp. 658-669, 2011. (кат. M21)
3	Arsić, M., Bošnjak, S., Zrnić, N., Sedmak, A., Gnjatović, N.: Bucket wheel failure caused by residual stresses in welded joints, Engineering Failure Analysis, Vol. 18, issue 2, pp. 700-712, 2011. (кат. M21)
4	Trifković, D., Stupar, S., Bošnjak, S., Milovančević, M., Krstić, B., Rajić, Z., Dunjić, M.: Failure analysis of the combat jet aircraft rudder shaft, Engineering Failure Analysis, Vol. 18, issue 8, pp. 1998-2011, 2011. (кат. M21)
5	Arsić, M., Bošnjak, S., Odanović, Z., Dunjić, M., Simonović, A.: Analysis of the spreader track wheels premature damages, Engineering Failure Analysis, Vol. 20, pp. 118-136, 2012. (кат. M21)
6	Bošnjak, S., Petković, Z., Zrnić, N., Pantelić, M., Obradović, A.: Failure analysis and redesign of the bucket wheel excavator two-wheel bogie, Engineering Failure Analysis, Volume 17, Issue 2, pp. 473-485, 2010. (кат. M22)
7	Bošnjak, S., Zrnić, N., Simonović, A., Momčilović, D.: Failure analysis of the end eye connection of the bucket wheel excavator portal tie-rod support, Engineering Failure Analysis, Vol. 16, issue 3, pp. 740-750, 2009. (кат. M22)
8	Bošnjak, S., Petković, Z., Zrnić, N., Simić, G., Simonović, A.: Cracks, repair and reconstruction of bucket wheel excavator slewing platform, Engineering Failure Analysis, Vol. 16, issue 5, pp. 1631-1642, 2009. (кат. M22)
9	Bošnjak, S., Zrnić, N.: Dynamics, Failures, Redesigning and Environmentally Friendly Technologies in Surface Mining Systems, Archives of Civil and Mechanical Engineering, Vol. 12, issue 3, pp.348-359, 2012. (кат. M22)
10	Zrnić, N., Bošnjak, S.: Comments on "Modeling of system dynamics of a slewing flexible beam with moving payload pendulum", Mechanics Research Communications, Vol. 35, issue 8, pp. 622-624, 2008. (кат. M22)
11	Bošnjak, S.: Comments on "Design of aluminium boom and arm for an excavator", Journal of Terramechanics, Vol. 48, issue 6, pp. 459-462, 2011. (кат. M23)
12	Zrnić, N., Bošnjak, S., Hoffmann, K.: Parameter sensitivity analysis of non-dimensional models of quayside container cranes, Mathematical and Computer Modelling of Dynamical Systems, Vol. 16, No. 2, pp. 145-160, 2010. (кат. M23)

13	Bošnjak, S. , Zrnić, N., Dragović, B.: Dynamic Response of Mobile Elevating Work Platform under Wind Excitation, <i>Strojniški vestnik - Journal of Mechanical Engineering</i> , Vol. 55, issue 2, pp. 104-113, 2009. (кат. M23)
14	Zrnić, N., Hoffmann, K., Bošnjak, S. : Modelling Of Dynamic Interaction between Structure and Trolley for Mega Container Cranes, <i>Mathematical and Computer Modelling of Dynamical Systems</i> , ISSN 1387-3954, Vol. 15, No. 3, 295-311, 2009. (кат. M23)
15	Putić, S., Rakin, M., Bošnjak, S. : Application of the residual strength degradation model to carbon-epoxy composite, <i>Materials Science</i> , Vol. 44, issue 3, pp. 446-450, 2008. (кат. M23)
16	Putić, S., Stamenović, M., Bajčeta, B., Stajčić, P., Bošnjak, S. : High and Low Temperature Influence on Glass-Epoxy Composite Impact Properties, <i>Journal of the Serbian Chemical Society</i> , Vol. 72, issue 7, pp. 713 – 722, 2007. (кат. M23)
17	Bošnjak, S. , Arsić, M., Zrnić, N., Odanović, Z., Đorđević, M.: Failure Analysis of the Stacker Crawler Chain Link, <i>Procedia Engineering</i> , Vol. 10, pp. 2244–2249, 2011. (кат. M24)
18	Zrnić, N., Bošnjak, S. , Gašić, V., Arsić, M., Petković, Z.: Failure Analysis of the Tower Crane Counterjib, <i>Procedia Engineering</i> , Vol. 10, pp. 2238–2243, 2011. (кат. M24)
19	Bošnjak, S. , Petković, Z., Zrnić, N., Dunjić, M., Dragović, B.: Redesign of the Bucket Wheel Excavators Substructures Based on the Comparative Stress – Strain Analysis, <i>Advanced Materials Research</i> , Vol. 402, pp. 660-665, 2012. (кат. M24)
20	Bošnjak, S. , Zrnić, N., Gašić, V., Petković, Z., Simonović, A.: External Load Variability of Multibucket Machines for Mechanization, <i>Advanced Materials Research</i> , Vol. 422, pp. 678-683, 2012. (кат. M24)

Summary of teacher's scientific activities

The total number of citations	SCOPUS: total 93, 36 hetero- citations; Google Scholar: 184	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	16	The number of international projects in which the teacher is currently engaged	1

Advanced professional training

Other information considered relevant

Nikola Tesla award for top engineering technical and technological achievements in 2011
Annual award of the Serbian Chamber of Engineers for outstanding professional achievement in 2009
Annual awards of the Belgrade Chamber of Commerce for the best technical innovations in 2002, 2005, 2008, 2009 and 2011.
Annual award of the Belgrade Chamber of Commerce for the best M.Sc. thesis in 1985
Gold medal portraying Nikola Tesla in the category of new technologies in 2009 and 2011
Silver medal portraying Nikola Tesla in the category of new technologies in 2010
Corresponding member of the Serbian Academy of Engineering Sciences
Member of the Serbian Society of Mechanics

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Vasic M. Branko		
Academic rank		Full Professor		
Particular scientific field		Mothor vehicles		
Academic career				
		Date	Institution	Field
Promotion		10.11.2010	Faculty of mechanicale engineering	Mothor vehicles
Ph.D. degree		26.04.1996	Faculty of mechanicale engineering	Mothor vehicles
M.Sc. Degree		27.04.1984	Faculty of mechanicale engineering	Mothor vehicles
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1		2005	The development of decision support systems for the choice of tires for the specific purpose vehicles	Janković Svetozar
2		2008	Contribution to the development of new methods of failure analysis	Popović Vladimir
3		2008	Expert planning model development for buses production	Curović Dejan
4	2012		The development of a methodology for proactive tire maintenance on motor vehicles	Petrović Miloš
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Popović V., Vasić B., Petrović M.: THE POSSIBILITY FOR FMEA METHOD IMPROVEMENT AND ITS IMPLEMENTATION INTO BUS LIFE CYCLE, Strojniški Vestnik – Journal of Mechanical Engineering, 56(2010)3, pp. 179-185 (IF2010=0.466, international journal M23), UDC 658.56:629.34			
2	Popović V., Vasić B., Petrović M., Mitić S.: SYSTEM APPROACH TO VEHICLE SUSPENSION SYSTEM CONTROL IN CAE ENVIRONMENT, Strojniški Vestnik – Journal of Mechanical Engineering, 57(2011)2, pp. 100-109 (IF2010=0.466, international journal M23), DOI:10.5545/sv-jme.2009.018			
3	Aleksendrić D., Barton. D.C, Vasić B., PREDICTION OF BRAKE FRICTION MATERIALS RECOVERY PERFORMANCE USING ARTIFICIAL NEURAL NETWORKS, Tribology International 43 (2010), pp. 2092-2099. (IF 2009=1.425, leading international journal M21) ISSN: 0301-679X			
4	Popović V., Vasić B., Rakićević B., Vorotović G.: OPTIMIZATION OF MAINTENANCE CONCEPT CHOICE USING RISK-DECISION FACTOR - A CASE STUDY, International Journal of Systems Science, pp. 1-14(2011) iFirst (IF2010=0.948, distinguish international journal M22), DOI:10.1080/00207721.2011.563868			
5	Popović V., Vasić B., Lazović T., Grbović A.: APPLICATION OF NEW DECISION MAKING MODEL BASED ON MODIFIED COST-BENEFIT ANALYSIS - A CASE STUDY: BELGRADE TRAM TRANSIT, Asia-Pacific Journal of Operational Research (IF2010=0.303, international journal M23), paper accepted for publishing on May 6th 2011			
6	Vasić B., Popović V., Vučić R.V., Danon G., Venci A.: DEFINING FUNCTIONAL AND PHYSICAL COMPATIBILITY OF A MODERNIZED TRAMWAY ROLLING STOCK WITH A NEWLY PLANNED LRT SYSTEM: A CASE STUDY OF BELGRADE (DOI:10.1080/03081060.2012.671019), Transportation Planning and Technology (IF2010=0.411, international journal M23), 35(2012)3, pp. 241-261.			
Summary of teacher's scientific activities				
The total number of	more than 50	The number of national projects in which the teacher	2	
The total number of	6	The number of international projects in which the	1	
Advanced professional training				
IRCA QMS 2008 Lead Auditor				
Other information considered relevant				

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Genic B. Srbislav		
Academic rank	Full Professor		
Particular scientific field	Process engineering		
Academic career			
	Date	Institution	Field
Promotion	2011	University of Belgrade Faculty of Mechanical	Mechanical Engineering
Ph.D. degree	2003	University of Belgrade Faculty of Mechanical	Mechanical Engineering
M.Sc. Degree	1989	University of Belgrade Faculty of Mechanical	Mechanical Engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1		2011	Research On The Influence Of Fouling On The Heat Transfer Rate Of Plate Heat Exchangers In District Heating	Dragan Mandić
2		2011	Research on process and risk management parameters of draw-well water demetanization system	Radenko Rajić
3		2011	Research on thermal performances and pressure drop of shell and tube heat exchangers with helical tube coils	Marko Jarić
4		2012	Improvement of CFD models of tunnel fire development based on experimental data	Barbara Vidaković

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Jaćimović B. M., Genić S. B., Jaćimović N. B., Reboiler Separation Efficiencies for Binary Systems, Industrial Engineering Chemistry Research, vol. 51, no.16, pp 5793–5804, 2012. DOI: 10.1021/ie202193m ISSN: 0888-5885 Impact = 2.072*
2	Genić S., Jacimovic B., Genić V., Economic optimization of pipe diameter for complete turbulence, Energy and Buildings, vol. 45, pp. 335–338, 2012. ISSN: 0378-7788 doi:10.1016/j.enbuild.2011.10.054 Impact = 2.041*
3	Genić, S.B., Jaćimović, B.M., Jarić, M.S., Budimir, N.J., Dobrnjac, M.M., Research on the shell-side thermal performances of heat exchangers with helical tube coils, International Journal of Heat and Mass Transfer, vol. 55, no. 15-16, pp 4295-4300, 2012. ISSN: 0017-9310 doi: 10.1016/j.ijheatmasstransfer.2012.03.074
4	Genić, S.B., Jaćimović, B.M., Mandić, D., Petrović, D., Experimental determination of fouling factor on plate heat exchangers in district heating system, Energy and Buildings, vol. xxx, pp xxx–xxx, 2012. ISSN: 03787788 DOI: 10.1016/j.enbuild.2012.03.039 Impact = 2.041*
5	Jaćimović B., Genić S., Normalized Efficiency for Stagewise Operations, Industrial Engineering Chemistry Research, vol. 50, no. 12, pp. 7437-7444, 2011. doi:10.1021/ie2001583 ISSN: 0888-5885 Impact = 2.072*
6	Jaćimović B., Genić S., Tray Efficiency versus Stripping Factor, Industrial Engineering Chemistry Research, vol. 50, no. 12, pp. 7445-7451, 2011 doi:10.1021/ie101052f ISSN: 0888-5885 Impact = 2.072*
7	Genić S., Jaćimović B., Vlačić Lj., Heat transfer rate of direct-contact condensation on baffle trays, International Journal of Heat and Mass Transfer, vol. 51, no. 25-26, pp. 5772-5776, 2008. doi:10.1016/j.ijheatmasstransfer.2008.05.017 ISSN: 0017-9310 Impact = 1.894
8	Genić S., Jaćimović B., Janjić B., Experimental research of highly viscous fluid cooling in cross-flow to a tube bundle, International Journal of Heat and Mass Transfer, vol. 50, no. 7-8, pp. 1288-1294, 2007. doi: 10.1016/j.ijheatmasstransfer.2006.09.004 ISSN: 0017-9310 Impact = 1.500
9	Jaćimović B., Genić S., Latinović B., Research on the air pressure drop in plate finned tube heat exchangers, International Journal of Refrigeration, vol. 29, no. 7, pp. 1138-1143, 2006. doi: 10.1016/j.ijrefrig.2006.02.003 ISSN: 0140-7007 Impact = 0.936
10	Milanović P., Jaćimović B., Genić S., The influence of heat exchanger performances on the design of indirect geothermal heating system, Energy And Buildings, vol.36, no. 1, pp. 9-14, 2004. doi: 10.1016/S0378-7788(03)00036-7 ISSN: 0378-7788 Impact = 0.735

Summary of teacher's scientific activities

The total number of	22	The number of national projects in which the teacher	1
The total number of	22	The number of international projects in which the	0

Advanced professional training

Other information considered relevant

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Glavonjic M. Milos		
Academic rank		Full professor		
Particular scientific field		Production engineering		
Academic career				
		Date	Institution	Field
Promotion	05. 06. 2008.	University of Belgrade, Faculty of Mechanical		Production engineering
Ph.D. degree	01. 07. 1987.	University of Belgrade, Faculty of Mechanical		Production engineering
M.Sc. Degree	10. 05. 1979.	University of Belgrade, Faculty of Mechanical		Production engineering
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	11. 11. 2002.	16. 07. 2010.	Configuring new machine tools	Sasa Zivanovic
2	23. 06. 2011.		Milling process in virtual machining system	Branko Kokotovic
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Milutinović D, Glavonjić M, Kvrđić V, Zivanovic S, A New 3-DOF Spatial Parallel Mechanism for Milling Machines with Long X Travel, CIRP Annals-Manufacturing Technology, Vol. 54-1, 2005, pp. 345-348.			
2	Glavonjic M, Milutinovic D, Parallel structure milling machines with long X travel, Robotics and Computer-Integrated Manufacturing, Vol. 24-3, 2008, pp. 310-320.			
3	Glavonjic M, Milutinovic D, Zivanovic S, Functional simulator of 3-axis parallel kinematic milling machine, International Journal of Advanced Manufacturing Technology, Vol. 42, 2009, Issue 7-8, pp. 813-821.			
4	Glavonjic M, Milutinovic D, Zivanovic S, Dimic Z, Kvrđić V, Desktop 3-axis parallel kinematic milling machine, International Journal of Advanced Manufacturing Technology, Vol. 46, 2010, Issue 1-4, pp. 51-60.			
5	Milutinovic D, Glavonjic M, Slavkovic N, Dimic Z, Zivanovic S, Kokotovic B, Tanovic Lj, Reconfigurable robotic machining system controlled and programmed in a machine tool manner, International Journal of Advanced Manufacturing Technology, Vol. 53, 2011, Issue 9-12, pp. 1217-1229.			
Summary of teacher's scientific activities				
The total number of	10	The number of national projects in which the teacher	1	
The total number of	5	The number of international projects in which the	0	
Advanced professional training				
Other information considered relevant				

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Golubovic Dj. Zoran	
Academic rank		Professor	
Particular scientific field		Mechanics	
Academic career			
	Date	Institution	Field
Promotion		Faculty of Mechanical Engineering	Mechanics
Ph.D. degree	26.04.1984	Faculty of Natural Sciences	Mechanics
M.Sc. Degree	26.10.1971	Faculty of Natural Sciences	Mechanics

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2006	2012	Methods and Techniques of Water Clasterization in the Function of Enlarging the Biological Value	Cedo Lalovic

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Golubovic,Z., Kadelburg,Z., Radenovic,S.: Common fixed points of ordered g-quasicontractions and weak contractions in ordered metric, Fixed Point Theory and Applications, 2012:20, doi:10.1186/1687-2012-20
2	Fadil,Z., Gafur,A., Golubovic,Z.: Fixed Point Theorems of Single-valued Mapping for C-distance Cone Metric Space, Abstract and Applied Analysis,Vol. 2012, doi: 10.1155/2012/826815
3	Jaric, J., Kuzmanovic, D., Golubovic, Z., Dulikravic, G.: On the Inverse Noether's Theorem in Nonlinear Micropolar Continua, Inverse Problems in Science and Engineering, 2012, 20 (3), 423-443.
4	K. Tomatschger, D. Petrovic, Z. Golubovic, Z. Mileusnic, Defferential equation Model for Durability of the Tractor's Engine with Application to the Massey Ferguson 8160, African Journal of Agricultural Research, Vol. 6(18), pp. 4385-4391, 2011
5	G. Janevski, P. Kozic, R. Pavlovic, Z.Dj. Golubovic, The Moment Lypunov Exponent of Timoshenko Beam Under Bounded Noice Excitation, Archive of Applied Mechanics, 2011, 81, p.403-417, DOI 10.1007/s00419-010-0417-8.
6	P. Kozic, R. Pavlovic, G. Janevski, Z.Dj. Golubovic, Ifluence of the Mode Number on the Stochastic Stability Regions of the Elastic Beam, Meccanica, 2010, 45, 553-565, DOI 10.1007/s11012-009-9272-5.
7	Tomantschger, K.W., Cvetkovic P., Golubovic Z., Kuzmanovic D., Solving the Problem of Motion of a Micropolar Suspension, ZAMM81, Suppl. 4, S987 - S988 (2001)
8	Jaric,J., Golubovic,Z., Fourier's Law of Heat Conduction in a Nonlinear Fluid, Journal of Thermal Stresses, Vol.22, No.3, p.293-303 (1999).
9	Jaric,J., Golubovic,Z., The Balance Laws of the Interline and the Bulk Materials, ZAMM, Vol. 71, N. 12, 518-521 (1991).
10	Jaric,J., Golubovic,Z, Thermodynamics of Non-simple Heat Conducting Interface, Journal of Thermal Stresses, 4 (1984).

Summary of teacher's scientific activities

The total number of citatio		The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals		The number of international projects in which the teacher is currently engaged	

Advanced professional training

Other information considered relevant

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Debeljkovic Ljubisa Dragutin		
Academic rank	Full professor		
Particular scientific field	System and control theory		
Academic career			
	Date	Institution	Field
Promotion	01.10.1994.	University of Belgrade,	Control theory
Ph.D. degree	09.07.1979.	University of Belgrade,	Control theory
M.Sc. Degree	01.04.1977	University of Belgrade,	Control theory

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1			Stability robustness analysis of time delayed systems in parameter plane	Dr Miroslav. Medenica
2			Dynamical behavior analysis of discrete time delay systems over finite and infinite time interval	Dr Sreten B. Stojanović
3			Singular impulsive and Singular impulsive time delayed systems with application in biology	Dr Nataša Kablar
4			Dinamička analiza i robusnost posebnih klasa singularnih sistema sa kašnjenjem	Dr Milimir Pješčić
5			On geometric approach towards dynamical behaviour of linear singular systems with application in medicine	Dr Ivan Buzurović
6			Ljapunov and nonlyapunov stability of linear singular systems with pure time delay	Dr Nemanja Višnjić
7	13.03.2008	21.10.2010	A contribution to the cooperative dynamical analysis and geometric optimization of recuperative heat exchangers	Dr Dalibor Stevic
8	27.06.2006	05.09.2011	Mathematical modelling, simulation and identification of plate heat exchangers	Dr Goran V. Simeunovic
9	21.01.2010	20.07.2012	Dynamical analysis of particular class of time delay systems	Dr Nebojša J. Dimitrijević
10	08.07.2010	17.10.2012.	Dynamical analysis of particular class of singular time delayed systems over finite and infinite time interval	Dr Marko S. Aleksendrić

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Šarboh, D. S., S. A. Milinkovic, D. Lj. Debeljkovic, "The dynamics of the glass capillary tubes drawing process", Glass Technology (Great Britain), Vol. 39, No. 2, April, (1988), pp. 53 – 67, ISSN 0017-12-17.
2	Debeljkovic, D. Lj., "Singular Control Systems", Dynamics of Continuous, Discrete and Impulsive Systems, (Canada), Vol. 11, Series A: Math. Analysis, No. 5 – 6 (2004), pp. 691 – 706, ISSN 1201-3390
3	Nie, Y. Y., D. Lj. Debeljkovic, "Non-Lyapunov Stability of Linear Singular Systems: A Quite new Approach in Time Domain", Dynamics of Continuous, Discrete and Impulsive Systems, (Canada), Vol. 11, Series A: Math. Analysis, No. 5 – 6 (2004), pp. 751 – 760, ISSN 1201-3390.
4	Stojanovic, S. B., D. Lj. Debeljkovic, "Necessary and Sufficient Conditions for Delay – Dependent Asymptotic Stability of Linear Continuous Large Scale Time Delay Autonomous Systems", Asian Journal of Control (Taiwan), Vol. 7, No. 4, 2005, pp. 414 – 418, ISSN 1561-8625.
5	Lazarevic, P. M., D. Lj. Debeljkovic, "Finite Time Stability Analysis of Linear Autonomous Fractional Order Systems with Delayed States", Asian Journal of Control (Taiwan), Vol. 7., No. 4, 2005, pp. 440 – 447, ISSN 1561-8625.
6	Debeljkovic, D. Lj., M. P. Lazarevic, S. B. Stojanovic, M. B. Jovanovic, S. A. Milinkovic, "Discrete Time Delayed System Stability Theory in the sense of Lyapunov: New Results", Dynamics of Continuous, Discrete and Impulsive Systems, (Canada), Vol. 12, Series B : Numerical. Analysis, Vol. 12.b – Supp. (2005), pp. 433 – 442, ISSN 1492-8760.

7	Stankovic, M. S., L. L. Pezo, B. Kovacevic, M. B. Jovanovic, D. Lj., Debeljkovic, " Shrinking Core Models Applied to the Sodium Silicate Production Process", Hemijska Industrija, (Serbia), Vol. 61, No.1, (2007), pp. 33 – 38, ISSN 0367-598X.
8	Stankovic, M. S., L. L. Pezo, B. Kovacevic, M. B. Jovanovic, D. Lj., Debeljkovic, " Batch Dissolution of Quartz Sand in Aqueous Sodium Solution – Kinetic Models", Hemijska Industrija, (Serbia), Vol. 61, No.5.A, (2007), pp. 313 – 316, ISSN 0367-598X.
9	Stojanovic, S. B, D. Lj., Debeljkovic, " Quadratic Stability and Stabilization of Uncertain Linear Discrete Time Systems with State Delay: a LMI Approach ", Dynamics of Continuous, Discrete and Impulsive Systems, (Canada), Vol. 15, Series B: Applications and Algorithms, No. 2 (2008), pp. 195 – 206., ISSN 1492-8760.
10	Debeljkovic, D. Lj., S. B. Stojanovic, N. S. Visnjic, S. A. Milinkovic, "A Quite New Approach to the Asymptotic Stability Theory: Discrete Descriptive Time Delayed System ", Dynamics of Continuous, Discrete and Impulsive Systems, (Canada), Vol. 15, Series A: Mathematical Analysis, No. 15 (2008), pp. 469 – 480., ISSN 1201-3390.
11	Stojanovic, S. B., D. Lj. Debeljkovic, " Necessary and Sufficient Conditions for Delay-Dependent Asymptotic Stability of Linear Discrete Time Delay Autonomous Systems", Dynamics of Continuous, Discrete and Impulsive Systems, (Canada), Vol. 15, Series B: Math. Analysis, Vol. 16, No.6, (2009), pp. 887 – 900, ISSN 1492-8760.
12	Stojanovic, S. B., D. Lj. Debeljkovic, "Delay – Dependent Stability Analysis for Discrete – Time Systems with Time Varying State Delay ", CI&CEQ , Vol. 17, No. 4 (2011) 497 – 503, ISSN 1451-9372
13	Stojanovic, S. B., D. Lj. Debeljkovic, "Finite-Time Stability of Discrete–Time Systems with Time-Varying Delay ", CI&CEQ , (2012) ISSN 1451-9372 DOI:10.2298/CICEQ120126026S
14	Stojanovic, S. B., D. Lj. Debeljkovic, N. J. Dimitrijevic "Delay-dependent stability of discrete-time systems with time-varying delay: delay decomposition approach ", International Journal of Computers, Communications & Control, Vol.7 (2012), No. 4, pp. 242-250, ISSN 1841-9836.
15	Debeljkovic, D. Lj, S. B. Stojanovic, M. S. Aleksendric " "Stability of Singular Time Delay Systems in the Sense of Non-Lyapunov: Classical and Modern Approach", ", Hemijska Industrija, (Serbia), Vol. 61, No.5.A, (2012), ISSN 0367-598X DOI Number 10.2298/HEMIND120403061D http://www.doiserbia.nb.rs/Article.aspx?id=0367598X1200061D

Summary of teacher's scientific activities

The total number of citations	81	The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	15	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

He was awarded FULBRIGHT Scholarship (Rutgers University, USA) in 1991 and four time DAAD Scholarship: Wuppertal

Other information considered relevant

Member of Serbian Scientific Society since 2002

Since 2004. a Europe regional and associate editor of International Journal of Information

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Duboka, Vladimir, Čedomir		
Academic rank	Full Professor		
Particular scientific field	Motor Vehicles		
Academic career			
	Date	Institution	Field
Promotion	09.07.1992.	Faculty of Mechanical Engineering, University of Belgrade	Motor Vehicles
Ph.D. degree	20.04.1981.	Faculty of Mechanical Engineering, University of Belgrade	Motor Vehicles
M.Sc. Degree	12.04.1971.	Faculty of Mechanical Engineering, University of Belgrade	Motor Vehicles

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	1999	2004	In vestigation of impact of ABS on road accident causes and consequences	Drago Talijan
2	2004	2007	Artificial neural network application in the development of motor vehicle brake friction materials	Dragan Aleksendrić
3	2007		Estimation of residual life of commercial vehicle transmission	Milanko Damjanović
4	2010		Quality of service management model	Dragana Velimirović
5	2009		Development of the method for condition based vehicle safety estimation	Kristina Jakimovska

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	IMPACT OF CLEARANCE ON THE RESIDUAL LIFETIME OF TRANSMISSION ELEMENTS, Paper accepted for publication in TTEM - Technics Technologies Education Management, Sarajevo, BiH, Vol. 8, No.2, 5/6, 2013.
2	Duboka Č., Consideration in forensic examination of automotive systems, International Journal of Forensic Engineering, Vol. 1 No. 2, 2012, pp.111-130, ISSN print: 1744-9944, URL http://www.inderscience.com/jhome.php?jcode=ijfe Duboka Č., Consideration in forensic examination of automotive systems, International Journal of Forensic Engineering, Vol. 1 No. 2, 2012, pp.111-130, ISSN print: 1744-9944, URL http://www.inderscience.com/jhome.php?jcode=ijfe
3	Aleksendrić D., Duboka Č., Mariotti G. V., NEURAL MODELLING OF AUTOMOTIVE MATERIAL COLD PERFORMANCE, ImechE Proceedings, Part D – J. of Automotive Engineering JAUTO (2008), Vol. 222, No. D7, pp. 1201-1209, ISSN 0954-4070. IF(2008) 0,342
4	Aleksendrić D., Duboka Č., ARTIFICIAL TECHNOLOGIES IN SUSTAINABLE BRAKING SYSTEM DEVELOPMENT, Int. J. Vehicles Design, Vol. 46, No. 2, 2008, ISSN 0143-3369, IF(2007) – 0,183
5	Aleksendrić D., Duboka Č., FADE PERFORMANCE PREDICTION OF AUTOMOTIVE FRICTION MATERIALS BY MEANS OF ARTIFICIAL NEURAL NETWORK Wear (2007) Vol. 262, Issues 7-8, pp.778-790, ISSN 0043-1648 IF(2007)-1,395
6	Aleksendrić D., Duboka Č., PREDICTION OF AUTOMOTIVE FRICTION MATERIAL CHARACTERISTICS USING ARTIFICIAL NEURAL NETWORK – COLD PERFORMANCE, Wear (2006) Vol. 261, Issues 3-4, pp.269-282, ISSN 0043-1648 IF(2006)-1,18
7	Todorović J., Duboka Č., Arsenić Ž., OPERATIONAL LIFE EXPECTANCY OF RUBBING ELEMENTS IN AUTOMOTIVE BRAKES, Tribology International, Vol. 28, No. 7, pp. 423-432, 1995, ISSN 0301-679X, IF - 0,425

Summary of teacher's scientific activities

The total number of citations	150/50	The number of national projects in which the teacher is currently engaged	2
papers published in the SCI (SSCI) journals	6	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant
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Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name					Zeković, N., Dragomir				
Academic rank					Full professor				
Particular scientific field					Mechanics of non-holonomic systems				
Academic career									
		Date		Institution			Field		
Promotion		1975.		Faculty of Mechanical Engineering, University of			Mechanics		
Ph.D. degree		1984.		Faculty of Mechanical Engineering, University of			Mechanics		
M.Sc. Degree		1975.		Faculty of Mechanical Engineering, University of			Mechanism		
The list of doctoral theses that are being mentored or have been mentored for the last 10 years									
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title				Ph.D. candidate		
Relevant papers published in scientific SCI journals (at least 5, no more than 20)									
1	Zeković Dragomir, O LINEJNIM INTEGRALAH NEGOLONOMNIH SISTEM S NELINEJNIMI SVJAZAMI, Prikl. Mat. Mekh. (Journal of applied mathematics and mechanics), 6, 2005, Moskva								
2	Zeković Dragomir, ANALIZ DVIŽENIJA ODNOJ NEGOLONOMNOJ MEHANIČESKOJ SISTEMI, Prikl. Mat. Mekh. (Journal of applied mathematics and mechanics), 2008, Moskva								
3	Dragomir Zeković, On the motion of a nonholonomically constrained system in the nonresonance case, Mechanics Research Communications, 2011, 38, pp. 330-333. (M22)								
4	Dragomir Zeković, Dynamics of mechanical systems with nonlinear nonholonomic constraints – I The history of solving the problem of a material realization of a nonlinear nonholonomic constraint, ZAMM, 2011, 91, No. 11, pp. 883-898. (M23)								
5	Dragomir Zeković, Dynamics of mechanical systems with nonlinear nonholonomic constraints – II Differential equations of motion, ZAMM, 2011, 91, No. 11, pp. 899-922. (M23)								
Summary of teacher's scientific activities									
The total number of				The number of national projects in which the teacher					
The total number of				The number of international projects in which the					
Advanced professional training									
Other information considered relevant									

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Jaramaz S. Slobodan		
Academic rank		Full professor		
Particular scientific field		Military mechanical engineering - weapon systems		
Academic career				
		Date	Institution	Field
Promotion	15.10.2002.	University of Belgrade - Faculty of Mechanical	Military mechanical	
Ph.D. degree	29.05.1991.	University of Belgrade - Faculty of Mechanical	Military mechanical	
M.Sc. Degree	15.06.1976.	University of Belgrade - Faculty of Mechanical	Internal combustion	
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2002	2004	Investigation of influence of design parameters on penetration of shaped charge warheads	Khalifa Meftah Ahmed
2	2006	2008	Modeling of dynamic fragmentation in terminal ballistics	Predrag Elek
3	2008	2012	Investigation of methods for projectile trajectory corrections as function of increased range and precision	Bojan Pavković
4	2011		Forensic analysis and crater modeling for surface explosion of brisant explosive at the soil ground	Ivana Bjelovuk
5	2012		Optimal guidance in conditions of high disturbances and limited flight performances of a missile	Ivana Todić
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Jaramaz, S., Micković, D., Elek, P.: Two-phase flows in gun barrel: Theoretical and experimental studies, International Journal of Multiphase Flow, Volume 37, Issue 5, June 2011, 475-487			
2	Jaramaz, S., Mickovic, D., Elek, P.: Determination of gun propellant erosivity: Experimental and theoretical studies, Experimental Thermal and Fluid Science, Vol. 34, Issue 6, 2010, 760-765			
3	Elek, P., Jaramaz, S., Micković, D.: Modeling of perforation of plates and multi-layered metallic targets, International Journal of Solids and Structures, 3-4/42, 2005, 1209-1224			
4	Micković, D., Jaramaz, S.: Igniter Function: Experimental and Theoretical Studies, Propellants, Explosives, Pyrotechnics, Vol. 35, Issue 3, 2010, 254-259			
5	Micković, D., Jaramaz, S., Elek, P., Jaramaz, D., Micković, D.: Model for shaped charge warhead design, Strojniški vestnik – Journal of Mechanical Engineering, Vol. 58, No. 6, 2012, 404-411			
6	Bjelovuk, I.D., Jaramaz, S., Mickovic, D.: Estimation of explosive charge mass used for explosion on concrete surface for the forensic purpose, Science and Justice, Vol. 52, 2012, 20-24			
7	Jaramaz S.: Flamespreading during Base Ignition of Propellant Charge: Theoretical and experimental Studies, Propellants, Explosives, Pyrotechnics, Vol. 22, Issue 6, 1997, 326-332			
Summary of teacher's scientific activities				
The total number of	31	The number of national projects in which the teacher	1	
The total number of	7	The number of international projects in which the	0	
Advanced professional training				
Imperial College, London, 1983-1984.				
Other information considered relevant				

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Jaćimović M. Branislav		
Academic rank	Full Professor		
Particular scientific field	Process engineering		
Academic career			
	Date	Institution	Field
Promotion	1998	University of Belgrade Faculty of Mechanical	Mechanical Engineering
Ph.D. degree	1987	University of Belgrade Faculty of Mechanical	Mechanical Engineering
M.Sc. Degree	1974	University of Belgrade Faculty of Mechanical	Mechanical Engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1		1999	The impact of geothermal water temperature and properties on the selection of heat transfer equipment	Predrag Milanović
2		2003	Research on working parameters of the downcomerless trays in cascade mass-transfer columns for gas - liquid contact	Srbislav Genić
3		2011	Analysis of the increase of energy efficiency of rectified ethanol production in batch distillation plant	Nikola Budimir

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Jaćimović B. M., Genić S. B., Jaćimović N. B., Reboiler Separation Efficiencies for Binary Systems, Industrial Engineering Chemistry Research, vol. 51, no.16, pp 5793–5804, 2012. DOI: 10.1021/ie202193m ISSN: 0888-5885 Impact = 2.072*		
2	Genić S., Jacimovic B., Genić V., Economic optimization of pipe diameter for complete turbulence, Energy and Buildings, vol. 45, pp. 335–338, 2012. ISSN: 0378-7788 doi:10.1016/j.enbuild.2011.10.054 Impact = 2.041*		
3	Genić, S.B., Jaćimović, B.M., Jarić, M.S., Budimir, N.J., Dobrnjac, M.M., Research on the shell-side thermal performances of heat exchangers with helical tube coils, International Journal of Heat and Mass Transfer, vol. 55, no. 15-16, pp 4295-4300, 2012.ISSN: 0017-9310 doi: 10.1016/j.ijheatmasstransfer.2012.03.074 Impact = 1.899*		
4	Genić, S.B., Jaćimović, B.M., Mandić, D., Petrović, D., Experimental determination of fouling factor on plate heat exchangers in district heating system, Energy and Buildings, vol. xxx, pp xxx–xxx, 2012. ISSN: 03787788 DOI: 10.1016/j.enbuild.2012.03.039 Impact = 2.041*		
5	Jaćimović B., Genić S., Normalized Efficiency for Stagewise Operations, Industrial Engineering Chemistry Research, vol. 50, no. 12, pp. 7437-7444, 2011.doi:10.1021/ie2001583 ISSN: 0888-5885 Impact = 2.072*		
6	Jaćimović B., Genić S., Tray Efficiency versus Stripping Factor, Industrial Engineering Chemistry Research, vol. 50, no. 12, pp. 7445-7451, 2011 doi:10.1021/ie101052f ISSN: 0888-5885 Impact = 2.072*		
7	Genić S., Jaćimović B., Vladić Lj., Heat transfer rate of direct-contact condensation on baffle trays, International Journal of Heat and Mass Transfer, vol. 51, no. 25-26, pp. 5772-5776, 2008. doi:10.1016/j.ijheatmasstransfer.2008.05.017 ISSN: 0017-9310 Impact = 1.894		
8	Genić S., Jaćimović B., Janjić B., Experimental research of highly viscous fluid cooling in cross-flow to a tube bundle, International Journal of Heat and Mass Transfer, vol. 50, no. 7-8, pp. 1288-1294, 2007. doi: 10.1016/j.ijheatmasstransfer.2006.09.004 ISSN: 0017-9310 Impact = 1.500		
9	Jaćimović B., Genić S., Latinović B., Research on the air pressure drop in plate finned tube heat exchangers, International Journal of Refrigeration, vol. 29, no. 7, pp. 1138-1143, 2006.doi: 10.1016/j.ijrefrig.2006.02.003 ISSN: 0140-7007 Impact = 0.936		
10	Milanović P., Jaćimović B., Genić S., The influence of heat exchanger performances on the design of indirect geothermal heating system, Energy And Buildings, vol.36, no. 1, pp. 9-14, 2004. doi: 10.1016/S0378-7788(03)00036-7 ISSN: 0378-7788 Impact = 0.735		

Summary of teacher's scientific activities

The total number of	22	The number of national projects in which the teacher	1
The total number of	22	The number of international projects in which the	0

Advanced professional training

Other information considered relevant			
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Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Kandić B. Dragan	
Academic rank		Full time Professor	
Particular scientific field		Analysis of electrical circuits and systems, Synthesis of electric networks, Nonlinear circuits and systems, Analog and digital electronics, Mathematical methods in electrical engineering.	
Academic career			
	Date	Institution	Field
Promotion	01.05.2003.	Faculty of mechanical engineering, University of Belgrade	Electrical engineering
Ph.D. degree	23.12.1991.	Faculty of electrical engineering, University of Belgrade	Electrical engineering, Electrical circuits and systems
M.Sc. Degree	23.10.1980.	Faculty of electrical engineering, University of Belgrade	Electrical engineering, Electrical circuits and systems

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	09.11.2004.	Modelling of solar photovoltaic systems in urban environment	Ljubisav S. Stamenić

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Milić M., Kandić D., "A novel canonic bipolynomial analogue-filter configuration with minimum number of common-ground capacitors", International Journal of Circuit Theory and Applications, J. Wiley & Sons Ltd., Vol. 22, No. 4, 1994 (251-261), ISSN 0098-9886.
2	Kandić D., Reljin B., "A class of non-canonic driving-point immittance realizations of passive, common-ground, transformerless, two-element-kind RLC networks", International Journal of Circuit Theory and Applications, J. Wiley & Sons Ltd., Vol. 22, No. 3, 1994 (163-174), ISSN 0098-9886.
3	Kandić D., Parlett B., Reljin B., Vasić P., "Explicit construction of hyperdominant symmetric matrices with assigned spectrum", Linear Algebra and its Applications, Elsevir Science Inc., Vol. 258, 1997 (41-51), ISSN 0024-3795.
4	Kandić D., Reljin B., "The application of polynomial matrix factorization in electrical network synthesis", International Journal for Computation and Mathematics in Electrical and Electronics Engineering (COMPEL), Vol. 24, No. 4, 2005 (1120-1141), ISSN 0332-1649.
5	Kandić D., Reljin B., "Explicit Solution of the Inverse Eigenvalue Problem of Real Symmetric Matrices and Its Application to Electrical Network Synthesis", Mathematical problems in engineering, Vol. 2008, Article ID 513582, doi:10.1155/2008/513582 (pages 1-25), ISSN 1024-123X.
6	Kandić D., Reljin B., Reljin I., "On modelling of two-wire transmission lines with uniform passive ladders", Mathematical problems in engineering, Vol. 2012, Article ID 351894, doi:10.1155/2012/351894 (pages 1-42), ISSN 1024-123X.

Summary of teacher's scientific activities

The total number of citation	9	The number of national projects in which the teacher is currently engaged	2 Projects: TP32048 and III41006 with Ministry of
The total number of papers published in the SCI (SSCI) journals	6	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

"Carco electronics corporation", Menlo Park (San Francisco), USA, 1983.

Other information considered relevant

Worked on research, development and realization of electric circuits, systems and special equipment with the Faculty of electrical engineering-University of Belgrade, Military institute of technology-Belgrade and the Institute of nuclear sciences "Boris Kidric"-Vinca. In collaboration with Faculty of electrical engineering developed a representative medical unit for the Surgical department of Children state hospital in Belgrade. Reviewer of two prominent international journals. For many years taught on master-level at the Faculty of electrical engineering-University of Belgrade the subjects: 1) Electrical network analysis, 2) Electrical network synthesis, 3) Nonlinear circuits and systems and 4) Modelling of physical processes. Author of two solved problem books and coauthor of a laboratory manual in electrical engineering. Author of university textbook in electrical engineering, which has been awarded Saint Sava's Prize as the best book in 2002. published by authors from the Faculty of mechanical engineering. Consultant of industry companies for application of electronic components.

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name			Komatina S. Mirko	
Academic rank			Full Professor	
Particular scientific field			Thermomechanics	
Academic career				
		Date	Institution	Field
Promotion		10.04.2008.	Mechanical Engineering Faculty, University of	Thermomechanics
Ph.D. degree		1997.	Mechanical Engineering Faculty, University of	Thermomechanics
M.Sc. Degree		1988.	Mechanical Engineering Faculty, University of	Thermomechanics
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2009.	2010.	Thermochemomechanical processes during baled soya residue combustion in pushing furnace.	Aleksandar Eric
2	2011.	2012.	Investigation of possibility for estimation of sulphur and nitrogen oxides emission from thermal power plants in Serbia.	Vladimir Jovanovic
3	2010.		Investigation of energy efficiency and economic feasibility of heat pump technology application for the conditions in the Republic of Serbia.	Bojan Kovacic
4	2011.		Research of thermomechanical process during the disintegration of high density liquid fuels in a fluidized bed.	Milica Mladenovic
5	2011.		Graphic communications and virtual reality in the development of technical systems.	Zorana Jeli
6	2012.		Thermomechanical processes in drying of food materials in systems with air recirculation.	Ivan Zlatanovic
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Belosevic, S., Paprika, M., Komatina, M., etc., Experimental and numerical investigations of heat exchangers built in solid fuel household furnace of original concept, Energy and Buildings, 37, 2005, 325-331.			
2	Komatina M., Manovic V., Dakic D., An Experimental Study of Temperature of Burning Coal Particle in Fluidized Bed, Energy Fuels, 20, 2006, 114-119.			
3	Komatina M., Manovic, V., Saljnikov, A., Temperature of Coal Particle During Devolatilization in Fluidized Bed Combustion Reactor, Energy Sources, 28(15), 2006,1387-1396.			
4	Komatina M., Manovic, V., Saljnikov, A., A Model of Coal Particle Drying in Fluidized Bed Combustion Reactor, Energy Sources, Energy Sources Part A-Recovery Utilization and Enviromental effects, Vol. 29 (3),2007, pp. 239-250.			
6	Belosevic S., Mladenovic R., Dakic D, Paprika M., Eric A., Djurovic D., Komatina M., Grbic B., Radic N.,Properties and efficiency of a Pt/Al2O3 catalyst applied an a solid fuel thermo-accumulating furnace, J. Serb. Chem. Soc., Vol.72 (8-9),2007, pp. 869-878.			
7	Mladenovic R., Belosevic S., Paprika M., Komatina M., Effects of air excess control in a thermo-accumulation solid fuel-fired household furnace, Applied Thermal Engineering, 2007, Vol. 27, pp. 2243–2251.			
8	Manovic V., Komatina M., Oka S., (2008), Modeling the temperature in coal char particle during fluidized bed combustion, Fuel, Volume 87, Issue 6, May 2008, pp. 905-914.			
9	Aleksandar Saljnikov, Mirko Komatina, Vasilije Manovic, Milan Gojak, Darko Goricanec, Investigation on thermal radiation spectra of coal ash deposits, International Journal of Heat and Mass Transfer 52 (2009), 2871–2884.			
10	Aleksandar Saljnikov, Biljana Vucicevic, Mirko Komatina, Milan Gojak, Darko Goricanec, Zoran Stevanovic, Spectroscopic research on infrared emittance of coal ash deposits, Experimental Thermal and Fluid Science 33 (2009), 1133– 1141.			
11	A.Eric, D. Dakic, S. Nemoda, M. Komatina, B. Repic, Experimental method for determining Forchheimer equation coefficients related to flow of air through the bales of soy straw, International Journal of heat and Mass Transfer, Vol. 54, (2011), pp.4300-4306.			
12	Antonijevic, D., Komatina, M.: Sustainable Sub-geothermal Heat Pump Heating in Serbia,Renewable&Sustainable Energy Reviews, Vol 15, 2011, pp. 3534-3538.			
13	Dondur, N., Spasojevic-Brkic, V., Komatina, M., Curovic, D., Klarin, M., The relationship between effectiveness of quality management and total factor productivity, African Journal of Business Management, Vol 5, (22), 2011, pp. 9200-9213.			

14	Antonijevic, D., Manic, D., Komatina, M., Rudonja, N.: Subgeothermal Heat Pump Selection for Hot Water Central Heating Retrofit, Energy and Buildings, 49 (2012) 294–299.
15	Aleksandar Eric, Dragoljub Dakic, Stevan Nemoda, Mirko Komatina, Branislav Repic, Experimental determination thermophysical characteristics of balled biomass, Energy, Energy, Volume 45, Issue 1, September 2012, Pages 350–357
16	Mladenovic M., Dakic D., Nemoda S., Mladenovic R., Eric A., Repic B, Komatina M., Combustion of low grade fractions of Lubnica coal in fluidized bed, Thermal Science, 2012, Vol. 16, No. 1, pp. 297-311.
17	Vladimir Jovanovic, Mirko Komatina, NOX and SO2 emission factors for Serbian lignite Kolubara, Thermal Science, doi: 10.2298/TSCI120319055J.

Summary of teacher's scientific activities

The total number of	18	The number of national projects in which the teacher	6
The total number of	16	The number of international projects in which the	3

Advanced professional training

Alexander von Humboldt Fellowship at Department of Ferrous Metallurgy, RWTH-Aachen University, Aachen, 2003-2005.

Other information considered relevant

Serbian Chamber of Engineer's License: 381022012, 330L10412 i 430G61412.

President of Specialized Scientific Committee for Energy, Mining and Energy Efficiency of the Ministry of Education and Science of Serbia.

Willy Korf Award for Excellent Lecture, 2006.

Elected by Serbian Ministry of Science represent Serbia as Member of Energy Programme Committee for section "Energy"

Member of Management Committee of two COST Actions: FP0902 and MP 1004.

Leader of a projects within bilateral cooperation with the Croatia and Slovenia

National expert at Central European Exchange Program for University Studies.

Vice-president of Board of Humboldt Club Serbia.

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name			Lazarevic,P,Mihailo	
Academic rank			Full-time professor	
Particular scientific field			Mechanics	
Academic career				
		Date	Institution	Field
Promotion				
Ph.D. degree		02.07.1999	Faculty of Mech. Eng.,University of Belgrade	Mechanics
M.Sc. Degree		10.09.1990	Faculty of Mech. Eng.,University of Belgrade	Aerocsmotechnics
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2008		Contribution to mathematical modeling and dynamical analysis of one mechatronical system	Ljubisa Bucanovic
2	2010		Rodrigues "robotic" approach to mathematical modeling and analysis of dinamical behavior using WAVELET of given industrial mechatronical system	Vasilije Vasic
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Potkonjak V., M. Popović, M. Lazarević and J. Savanović, "Redundancy problem in writing: from human to anthropomorphic robot arm", IEEE Trans. On Systems,Man and Cybernetics: part B: Cybernetics, vol.28, No.6,pp.790-805, December,1998			
2	Lazarević M.,D.Debeljković,Finite Time Stability Analysis of Linear Autonomous Fractional Order Systems with Delayed State,Asian Journal of Control, Vol.7,No.4, 2005, pp.440-447			
3	Potkonjak V., M. Lazarević et.al,Human-like behavior of robot arms: general considerations and the handwriting task-Part II: the robot arm in handwriting,Robotics and Computer Integrated Manufacturing 17 (2001),pp. 317-327			
4	Spasić M.A., Lazarević P.M., Electroviscoelasticity of Liquid/Liquid Interfaces: Fractional Order Model,Journal of Colloid and Interface Science,282(2005),pp.223-230			
5	Debeljković D. Lj,M.P.Lazarević,S.B. Stojanović,M.B. Jovanović, S.A Milinković, Discrete Time Delayed System Stability Theory in the Sense of Lyapunov: New Results,Dynamics of Continuous, Discrete and Impulsive Systems,Canada,Vol. 12,Series B: Numerical Analysis,-Supplement (2005.c) 433-442			
6	Lazarević M., Finite Time Stability Analysis of PD Fractional Control of Robotic Time Delay Systems, Journal of Mechanics Research Communications,Vol. 33, Iss.2, March-Apr., 2006,pp.269-279			
7	Spasić A., M. Lazarević, A new approach to the phenomena at the interfaces of finely dispersed systems, Journal of Colloid and Interface Science,316,(2007), pp.984-995. - ISSN: 0021-9797 DOI: 10.1016/j.jcis.2007.07.051			
8	Lazarević M., A.Spasić, Finite-Time Stability Analysis of Fractional Order Time Delay Systems: Gronwall's Approach, Mathematical and Computer Modelling, 49,(2009), 475-481.ISSN: 0895-7177 DOI: 10.1016/j.mcm.2008.09.011			
9	Spasić A., M. Lazarević, M. Mitrović, D. Krstić, Colloid electrohydrodynamics,- HEMIJSKA INDUSTRIJA, (2009), vol. 63 br. 5a, str. 511-527, ISSN: 0367598X DOI: 10.2298/HEMIND0905511S			
10	Lazarević M. P., Mechanics of Human Locomotor System, Journal FME Transcations, Faculty of Mechanical Engineering,Belgrade,Vol.34. No2, pp. 105-114, 2006			
11	Lazarević M, " Finite-time stability analysis of fractional order time delay systems: bellman-gronwall's approach", Scientific Technical Review,Vol.LVII, No.1, pp.8-15,2007.			
12	Lazarević M., D. Debeljković, Robust Finite Time Stability of Nonlinear Fractional Order Time Delay Systems, International Journal of Information and Systems Sciences,Vol.4.No.2,2008, pp.301-315			
13	Lazarević P. M., On finite time stability of nonautonomous fractional order time delay systems, Int. Journal: Problems of Nonlinear Analysis in Engineering Systems, 1(27), ISSN:1727-687X, 2007,pp.123-148			
14	Zorić N,M Lazarević, A Simonović, Multi-Body Kinematics and Dynamics in Terms of Quaternions: Langrange Formulation incovariant Form-Rodriguez approach, Journal FME Transcations, Faculty of Mechanical Engineering, Belgrade, Vol.38, No.1,2010,19-28			
15	Lazarevic M., A.Obradovic, M. Joka3,PhD Student, Lj. Bucanović, Biologically inspired optimal control of robotic system:synergy approach,, 17th Mediterranean Conference on Control & Automation Makedonia Palace, Thessaloniki, Greece, June 24 - 26, 2009,			

16	Miljković,Z., Mitić,M., Lazarević,M., Babić,B., Neural Network Reinforcement Learning for Visual Control of Robot Manipulators, Journal Expert Systems with Applications,(ISSN 0957-4174), Article in press_DOI: 10.1016/j.eswa.2012.09.010 - 14 September 2012, Elsevier,
17	Lazarević M., D.Debeljković, Z.Nenadić, Finite–time stability of delayed systems, IMA Journal of Mathematical Control and Information,17,(3),(2000), pp.101-109.
18	Lazarević M., D.Debeljković, Z.Nenadić, Finite–time stability of delayed systems, IMA Journal of Mathematical Control and Information,17,(3),(2000), pp.101-109.
19	Lazarević M.,Stability and Stabilization of Fractional Order Time Delay Systems,Scientific technical review,2011, 31-45,1820-0206/9771820020004
20	Lazarević M.,Stability of Fractional Order Time Delay Systems,Proceedings IConSSM2011/The 3rd International Conference of Serbian Society of Mechanics, 44-69, 2011

Summary of teacher's scientific activities

The total number of	137	The number of national projects in which the teacher	2
The total number of	11	The number of international projects in which the	1

Advanced professional training

Erasmus Mundus _JoinEU_ SEE II_ Slovenija_Maribor 2011_2012, FERI,Univerza u Mariboru

Other information considered relevant

reviewer of journals „Facta Universitatis“, „Scientific technical review“, FME Transcations, Asian J. of Control

reviewer of papers for IEEE,IFAC conferences(fractional calculus)

Prize for the best oral and poster presentations at the conference FDA2012, (FDA12, Nanjing, May, China)

member of Steering Committee FDA12 (fractional differentiation and its applications)

member of Serbian Society of Mechanics

h index =7

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Lučanin J. Vojkan	
Academic rank		Full Time Professor	
Particular scientific field		Railway Engineering	
Academic career			
	Date	Institution	Field
Promotion	25.06.2003.	University of Belgrade, Faculty of Mechanical Engineer	Railway Engineering
Ph.D. degree	18.03.1993.	University of Belgrade, Faculty of Mechanical Engineer	Railway Engineering
M.Sc. Degree	01.04.1983.	University of Belgrade, Faculty of Mechanical Engineer	Railway Engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1		1997	Researches influence of drive system on the traction characteristics of electrical and diesel electric locomotives	Zoran Milićević
2		2002	Mathematical modeling, simulation, defining of basic ride resistances of train and optimization of drive power consumption of railway traction vehicle	Aleksandar Radosavljević
3		2011	Optimization and verification of collision kinetic energy absorbers of passenger coaches	Jovan Tanasković
4	2009		Improvement of traffic safety on the road-rail crossing	Sandra Kasalica
5	2012		Development of method for evaluation of simulations quality of dynamic behavior of railway vehicles	Nebojša Blagojević

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Simić, G., Lučanin, V., Milković, D., ELEMENTS OF PASSIVE SAFETY OF RAILWAY VEHICLES IN COLLISION, International Journal of Crashworthiness, Vol.11, No 4, pp 357-369, 2006
2	Vasić, G., Franklin, F., Kapoor, A., Lučanin, V., Laboratory simulation of low-adhesion leaf film on rail steel, Int. J. Surface Science and Engineering, Vol. 2, Issue ½, pp 84-97, 2008.
3	Simić, G., Lučanin, V., Tanasković, J., Radović, N., Experimental research of characteristics of shock absorbers of impact energy of passenger coaches, Journal of Experimental Techniques, Volume 33, Issue 4, page 29-35, 2009.
4	Lučanin, V., Simić, G., Milković, D., Čuprić, N., Golubović, S., Calculated and experimental analysis of cause of the appearance of cracks in the running bogie frame of diesel multiple units of Serbia railways, Engineering Failure Analysis, Volume 17, Issue 1, January 2010, Pages 236-248
5	Tanaskovic J., Lučanin V., Milković D., Simić G., Miloš M., Experimental Research of Characteristics of Modified Tube Absorbers of Kinetic Collision Energy of Passenger Coaches, Journal of Experimental Techniques, Online od 16.12.2011. god., DOI: 10.1111/j.1747-1567.2011.00800.x
6	V. Lučanin, M. Puharić, D. Milković, S. Golubović, S. Linić, Determining the influence of an air wave caused by a passing train on the passengers standing at the platform, Int. J. Heavy Vehicle Systems, 2012, Vol.19, No.3, pp.299-313
7	Puharić M., Linić S., Matić D., Lučanin V., Determination of Braking Force of Aerodynamic Brakes for High Speed Trains, Transactions of FAMENA, issue 3, volume 35, Zagreb 2011
8	Kasalica S., Vukadinovic R., Lučanin V., Study of Driver's Behaviour at a Passive Railway Crossing, PROMET-Traffic&Transportation, Vol 24, No 3, page 193-201, Zagreb, 2012.
9	V. K. Spasojević Brkić, M. M. Klarin, A. Dj. Brkić, V. J. Lučanin and D. D. Milanović, Simultaneous consideration of contingency factors and quality management: An empirical study of Serbian companies, African Journal of Business Management, ISSN 1993-8233, Vol. 5(3), pp. 866-883, 4 February, 2011

Summary of teacher's scientific activities

The total number of citations	7	The number of national projects in which the teacher is currently engaged	2
papers published in the SCI (SSCI) journals	9	The number of international projects in which the teacher is currently engaged	2

Advanced professional training

Other information considered relevant	
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Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Majstorović D. Vidosav		
Academic rank		Full Professor		
Particular scientific field		Mechanical Engineering Faculty		
Academic career				
		Date	Institution	Field
Promotion		08. 11. 1976	Mechanical Engineering Faculty	Production Engineering
Ph.D. degree		01. 10. 2000	Mechanical Engineering Faculty	Production Engineering
M.Sc. Degree		08. 12. 1988	Mechanical Engineering Faculty	Production Engineering
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2007	2009	Development of a model of intelligent designer of the experiment for the application of Taguchi method	Татјана Шибалија
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Sibaliija, T., Majstorovic, V., An integrated simulated annealing-based method for robust multiresponse process optimisation, INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, (2012), vol. 59 br. 9-12, str. 1227-1244.			
2	Sibaliija, T., Majstorovic, V., An integrated approach to optimise parameter design of multi-response processes based on Taguchi method and artificial intelligence, JOURNAL OF INTELLIGENT MANUFACTURING, (2012), vol. 23 br. 5, str. 1511-1528.			
3	Sibaliija, T., Majstorovic, V., Sokovic, M., Taguchi-Based and Intelligent Optimisation of a Multi-Response Process Using Historical Data , STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, (2011), vol. 57 br. 4, str. 357-365.			
4	Radlovacki, V., Beker, I., Majstorovic V., Pecujlija, M., Stanivukovic, D., Kamberovic, B., Quality Managers' Estimates of Quality Management Principles Application in Certified Organisations in Transitional Conditions - Is Serbia Close to TQM?, STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, (2011), vol. 57 br. 11, str. 851-861.			
5	Sibaliija, T., Petronic, S., Majstorovic, V., Prokic-Cvetkovic, R., Milosavljevic, A., Multi-response design of Nd:YAG laser drilling of Ni-based superalloy sheets using Taguchi's quality loss function, multivariate statistical methods and artificial intelligence, INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, (2011), vol. 54 br. 5-8, str. 537-552.			
6	Sibaliija, T., Majstorovic, V., Miljkovic, Z., An intelligent approach to robust multi-response process design, INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, (2011), vol. 49 br. 17, str. 5079-5097.			
7	Majstorovic, V., Marinkovic, V., The Development of Business Standardization and Integrated Management Systems, JOURNAL OF MEDICAL BIOCHEMISTRY, (2011), vol. 30 br. 4, str. 334-345.			
8	Sibaliija, T., Majstorovic, V., Multi-response optimisation of thermosonic copper wire-bonding process with correlated responses, INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, (2009), vol. 42 br. 3-4, str. 363-371.			
9	Cagnazzo, L., Šibaliija, T., Majstorovic, V. (2009), "The Measurement System Analysis as a Performance Improvement Catalyst: a Case Study", pp. 269 – 292, in Taticchi, P. (Ed.), Business Performance Measurement and Management, New Contents, Themes and Challenges, ISBN: 978-3-642-04799-2, Springer, http://www.springerlink.com/content/136317621144300I .			
10	Majstorovic, V., (2001), The application of quality management system (QMS) - ISO 9001-2000, YUGOSLAV MEDICAL BIOCHEMISTRY, vol. 20, br. 4, str. 245-250.			
11	Model developed for the assessment of quality management level in manufacturing systems, Research paper, Author(s): Milan D. Ivanovic, Vidosav D. Majstorovic, The TQM Magazine Volume: 18 Issue: 4 2006.			
12	Majstorovic, V., Stefanovic N (2005) Six sigma - The methodology for achieving total business excellence, AMST '05: Advanced Manufacturing Systems and Technology, Proceedings, vol. , br. 486, str. 739-748 (Proceedings Paper).			
13	Majstorovic, V., Hodolic, J., Stevic, M., (1998) Model for CMM testing by LMS, PROCEEDINGS OF THE THIRTEENTH ANNUAL MEETING OF THE AMERICAN SOCIETY FOR PRECISION ENGINEERING, vol. , br. , str. 550-553 (Proceedings Paper).			
14	Majstorovic, V., Sibaliija, T., Application of the Advanced Quality Improvement techniques: case study, Springer - IFIP Advanced in inform,ation and communication Technology, pp. 181-189, 2012, ISBN 978-3-642-33979-0, DOI 10.1007/978-3-642-33980-6_22.			

15	Majstorovic, V., Sibalija, T., Design and Implementation of a Hybrid Knowledge-based Process Designer Model for a Robust Multi-objective Parameter Optimisation, Springer - IFIP Competitive and Sustainable Manufacturing, Products and Services, pp. 314 - 320, 2011, SBN: 9788864930077.
16	Majstorovic, V., Sibalija, T., Analysis of the effects of quality management system on the business performances: case study on pharmaceutical industry in Serbia, Springer - IFIP Advanced Production and Management Systems, pp. 116 - 122, 2012, SBN: 9788864930077.
17	Majstorovic, V., Sibalija, T., Zero manufacturing (in Serbian language), Monograph, ISBN 978-86-903197-7-0, COBISS.SR-ID 189344012.
18	Majstorovic, V., Marinkovic, V., Quality in Serbia, yesterday, today, tomorrow. Monograph, Belgrade, ISBN 978-86-86-903197-8-7.
19	Majstorovic, V., TOWARDS A DIGITAL FACTORY - RESEARCH IN THE WORLD AND OUR COUNTRY, Journal of Applied Engineering Science, Paper number: 10(2012)3, 234, 161-165, doi:10.5937/jaes10-2513.
20	Majstorovic, V., Total quality concept : advanced approach to manufacturing systems, Monograph, 1996, Belgrade, ISBN 86-7083-263-1. [COBISS.SR-ID 93603079]

Summary of teacher's scientific activities

The total number of	112	The number of national projects in which the teacher	2
The total number of	8 (2001-2010);	The number of international projects in which the	4

Advanced professional training

1. Purdue University, 1986 (three months); 2. Carl Zeiss (OPTON - CMM), 1988 (one month); 3. Norwegian University of

Other information considered relevant

Functions: The president of the National Organization for Quality – UASQ, since 2009. year; President of the National Technology Platform Manufuture - since 2007. year; Chief Editor - International Journal "Advanced Quality" - since 1995. years; President and founder of the International Conference "Total Quality Management - Advanced and Intelligent Approaches", since 2001. year; The President and founder of the International Conference "The Balkan Conference of Quality" – "The Balkans as a region of Quality", since 2005. Year; The President and founder of the International Conference "Manufuture in Serbia", since 2009. year. Member of the quality Council of the RS (1994 - 2001.); Member of the Engineering Committee MST (1994 - 2000.), etc Memberships in scientific organizations: CIRP (International Institution for Production Research), Paris, France (since 1995) ; IFIP (International Federation for Information Processing), Geneva, Swiss (since 1998) ; IFAC (International Federation for Automation and Control), Vienna, Austria (since 1999) ; IMEKO (International Confederation for Measuring), Budapest, Hungary (since 1998) ; JUSE (Japanese Union Scientist and Engineers), Tokyo, Japan (since 1996) ; ASQ (American Society for Quality), Milwaukee, USA (since 2000); Association of Serbia and Montenegro for quality, Secretary general (since 1992 to 2007) ; EOQ (European Organization for Quality) Board member (since 2000) ; Member of JUPITER association, Belgrade, Serbia (since 1976) ; Member of TOS (Team of Specialists) UN (United Nations) ECE (Economic Commision for Europe), Geneva, Swiss (since 2002) ; Member of WG EFQM / EOQ for Education, Brussels, Belgium (since 2000) ; Member of Task Group – IQC IEEC for QA and NQP, (since 2001) ; Member of Serbian association of maintenance (since 1976) ; Member of EU NTP Board (since 2007). Official reviewer for the FP EC program, factories of the future, etc.

Publications, honors, awards: Published over 500 papers, of which more than 290 in international journals, proceedings of international conferences and books published by foreign publishers, he did over 200 projects (national, international). There are 25 references to the SCI list, with 112 citations. He has published 36 books, monographs and handbooks. Member of 26 IPC (EB) of the International conferences and journals. He won the prize for best master's and doctoral work. On IFIP Conference held 1990 in Bordeaux, received the award for the best paper - Expert Systems in Maintenance.

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Maneski Đ Taško		
Academic rank	Full professor		
Particular scientific field	Strenght of Structure		
Academic career			
	Date	Institution	Field
Promotion	2011.	Faculty of Mechanical Engeneering Belgrade	Strenght of Structure
Ph.D. degree	1991.	Faculty of Mechanical Engeneering Belgrade	Production engeneering
M.Sc. Degree	1986.	Faculty of Mechanical Engeneering Belgrade	Production engeneering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1		15.7.2004.	Термомеханички напони на дисконитетима геометрије цилиндричних површина	Милован Живковић
2	31.5.2000.	6.11.2007.	Модификација динамичких карактеристика у структуралној реанализи механичких система	Наташа Тришовић
3	17.10.2005.	10.6.2008.	Моделирање и дијагностика контактних проблема у машинству	Салко Ћосић

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Maneski Tasko Dj , Jovancic Predrag D, Ignjatovic Dragan M, Milosevic-Mitic Vesna, Condition and behaviour diagnostics of drive groups on belt conveyors (Article), ENGINEERING FAILURE ANALYSIS, (2012), vol. 22 br. , str. 28-37
2	Miletic Vesna, Manojlovic Dragica, Milosevic Milos, Mitrovic Nenad, Savic-Stankovic Tatjana, Maneski Tasko Dj, Analysis of local shrinkage patterns of self-adhering and flowable composites using 3D digital image correlation (Article), QUINTESENCE INTERNATIONAL, (2011), vol. 42 br. 9, str. 797-804,
3	Jovancic Predrag D, Ignjatovic Dragan M, Tanasijevic Milos Lj, Maneski Tasko Dj, Load-bearing steel structure diagnostics on bucket wheel excavator, for the purpose of failure prevention (Article), ENGINEERING FAILURE ANALYSIS, (2011), vol. 18 br. 4, str. 1203-1211
4	Gacesa Branka, Milosevic-Mitic Vesna, Maneski Tasko Dj, Kozak Drazan, Sertic Josip, Numerical and Experimental Strength Analysis of Fire-Tube Boiler Construction (Article), TEHNICKI VJESNIK-TECHNICAL GAZETTE, (2011), vol. 18 br. 2, str. 237-242
5	Milosevic Milos Miletic Vesna Mitrovic Nenad Manojlovic Dragica Savic-Stankovic Tatjana , Measurement of Local Deformation Fields in Dental Composites Using 3D Optical System (Article), CHEMICKE LISTY, (2011), vol. 105 br. , str. S751-S753
6	Trisovic Natasa R, Maneski Tasko Dj, Kozak Drazan, Developed procedure for dynamic reanalysis of structures (Article) , STROJARSTVO, (2010), vol. 52 br. 2, str. 147-158
7	Milosevic-Mitic Vesna, Kozak Drazan, Maneski Tasko Dj, Andjelic Nina , Gacesa Branka , Stojkov Marinko , Dynamic Nonlinear Temperature Field in a Ferromagnetic Plate Induced by High Frequency Electromagnetic Waves (Article), STROJARSTVO, (2010), vol. 52 br. 2, str. 115-124
8	Andjelic Nina, Milosevic-Mitic Vesna, Maneski Tasko Dj , An Approach to the Optimization of a Thin-walled Z-beam (Article), STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, (2009), vol. 55 br. 12, str. 742-748
9	Zlokovic Djordje , Maneski Tasko Dj, Nestorovic Miodrag S, Group theoretical formulation of quadrilateral and hexahedral isoparametric finite elements , COMPUTERS & STRUCTURES, (2004), vol. 82 br. 11-12, str. 883-899
10	Marinkovic Aleksandar B , Maneski Tasko Dj , Milosevic Vesna, Porous metal bearing temperature problem (Proceedings Paper), 1ST INTERNATIONAL CONFERENCE ON TRIBOLOGY IN ENVIRONMENTAL DESIGN 2000 - THE CHARACTERISTICS OF INTERACTING SURFACES - A KEY FACTOR IN SUSTAINABLE AND ECONOMIC PRODUCTS, (2000), vol. br. , str. 291-295

Summary of teacher's scientific activities

The total number of citatio	9	The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	10	The number of international projects in which the teacher is currently engaged	2

Advanced professional training

Other information considered relevant

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name					Miladinovic, D., Ljubomir				
Academic rank					Full Time Professor				
Particular scientific field					Theory of Mechanisms and Machines				
Academic career									
		Date	Institution			Field			
Promotion		01.02.2012.	Mechanical Engineering Faculty in Belgrade			TMM			
Ph.D. degree		17.04.1992.	Mechanical Engineering Faculty in Belgrade			TMM			
M.Sc. Degree		06.12.1979.	Mechanical Engineering Faculty in Belgrade			TMM			
The list of doctoral theses that are being mentored or have been mentored for the last 10 years									
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title				Ph.D. candidate		
Relevant papers published in scientific SCI journals (at least 5, no more than 20)									
1	Miladinović, Lj., Popkonstantinović, B., Stoimenov, M., Petrović, D., Ostojić, G., Stankovski, S.: Laser Inspection of Rubber Profiles, Scientific Research and Essays, Vol. 6 (16), str. 3431-3436, 19 August, 2011, ISSN 1992-2248, IF 2010 = 0,445								
2	Popkonstantinović, B., Miladinović, Lj., Stoimenov, M., Petrović, D., Ostojić, G., Stankovski, S.: Design, Modelling and Motion Simulation of the Remontoire Mechanism, Transactions of Famena, XXXV-2, str. 79 - 93, 2011, ISSN 1333-1124, IF 2010 = 0,143								
3	Ostojic, G., Tadic, B., Luzanin, O., Stankovski, S., Vukelic, Dj., Budak, I., Miladinovic, Lj.: An integral system for automated cutting tool selection, Scientific Research and Essays, Vol. 6 (15), str. 3240-3251, 11 August, 2011, ISSN 1992-2248, IF 2010 = 0,445								
4	Popkonstantinović, B., Miladinović, Lj., Stoimenov, M., Petrović, D., Petrović, N., Ostojić, G., Stankovski, S.: The Practical Method for Thermal Compensation of Long-Period Compound Pendulum, Indian Journal of Pure & Applied Physics, Vol. 49(10), str.657 - 664, October 2011, ISSN 0019-5596, IF 2010 = 0,511								
5	Janković, J., Petrović, N., Miladinović, Lj., Popkonstantinović, B., Stoimenov, M., Petrović, D., Ostojić, G., Stankovski, S.: Computer Simulation of Fast Hydraulic Actuators, Iranian Journal of Science and Technology, Transactions of Mechanical Engineering, Vol. 36, No. M1, pp 95-106 Printed in The Islamic Republic of Iran, 2012.,ISSN 1028-6284, IF 2010 = 0,283								
6	Gajic, G., Stankovski, S., Ostojic, G., Tesic, Z., Miladinovic, Lj.: Method of evaluating the impact of ERPimplementation critical success factors– a case study in oil and gas industries, Taylor & Francis, Enterprise Information Systems, 2012., str. 1–23, IF 2010 = 0,786								
7	Škrinjar, Đ., Baranovski, I., Dragičević, D., Stankovski, S., Ostojić, G., Miladinović, Lj.: Development of a Didactic Set of Pneumatics and Servo Pneumatics in Engineering Education, Transactions of Famena, XXXVI-3, str. 69 - 78, 2012, ISSN 1333-1124, IF 2011 = 0,103								
Summary of teacher's scientific activities									
The total number of citations			The number of national projects in which the teacher is currently engaged				1		
The total number of papers published in the SCI (SSCI) journals		7	The number of international projects in which the teacher is currently engaged				1		
Advanced professional training									
Other information considered relevant									

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Milanovic D. Dragan		
Academic rank	Full Professor		
Particular scientific field	Industrial Engineering		
Academic career			
	Date	Institution	Field
Promotion	10.11.2010.	Faculty of Mechanical Engineering	Industrial Engineering
Ph.D. degree	06.03.1991.	Faculty of Mechanical Engineering	Industrial Engineering
M.Sc. Degree	22.12.1987.	Faculty of Mechanical Engineering	Industrial Engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2002	2005	Research and Development of the Human-Computer Interface	Aleksandar Zunjic
2	2003	2010	Dynamic balance and managing of complex business-manufacturing systems	Radisav Djukic
3	2011		Investigation of management production processes of complex product cycle	Jelena Jovanovic

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Milanovic Dragan D., Klarin Milivoj M., Misita Mirjana Z., Milanovic Dragan Lj., Zunjic Aleksandar G., Identification of invariant factors that determine labour output on the production line, PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B -
2	Milanovic Dragan Lj., Milanovic Dragan D., Misita Mirjana Z., Application of ranking method in evaluation of engineering investment projects, INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING - THEORY APPLICATIONS AND PRACTICE, Issue Published, United State
3	Klarin Milivoj M., Milanovic Dragan D., Misita Mirjana Z., Spasojevic Brkic Vesna, Jovovic Aleksandar, A method to assess capacity utilization in short cycle functional layouts, PROCEEDINGS OF INSTITUTION OF MECHANICAL ENGINEERS PART E - JOURNAL OF PROCES
4	Milanovic Dragan Lj., Milanovic Dragan D., Misita Mirjana Z., Zunjic Aleksandar G., Universal equation for the relative change in profit of manufacturing company, PRODUCTION PLANNING & CONTROL, Taylor & Francis, London, UK, 2010, vol. 21, no. 8, p. 751-75
5	Tadic Danijela, Milanovic Dragan D., Misita Mirjana Z., Tadic Branko, New integrated approach to the problem of ranking and supplier selection under uncertainties, PROCEEDINGS OF INSTITUTION OF MECHANICAL ENGINEERS PART B - JOURNAL OF PROCESS MECHANICAL E
6	Ralic Zivko, Radojicic Miroslav, Nesic Zoran, Milanovic Dragan D., Milanovic Dragan Lj., Development of a model for optimization of district heating selection, TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT - TEM, 2011, Sarajevo, Bosna i Hercegovina, vol. 6(
7	Randjic Dejan, Milanovic Dragan Lj., Milanovic Dragan D., Misita Mirjana Z., Tadic Danijela, Modification of project approach to mechanical equipment installation projects in Serbia, METALURGIA INTERNATIONAL, 2012, vol. 17, no.3, p. 94-98, ISSN 1582-2214,
8	Spasojević Brkić V., Klarin M., Brkic A., Lucanin V., Milanovic D.D., SIMULTANEOUS CONSIDERATION OF CONJUNCTION FACTORS AND QUALITY MANAGEMENT: AN EMPIRICAL STUDY OF SERBIAN COMPANIES, Africal Journal of Business Management, (2011),Vol. 5 (3), pp.866-883, ISSN: 1993-8233, IF 1.105
9	Ralic Zivko, Radojicic Miroslav, Nesic Zoran, Milanovic Dragan D., Milanovic Dragan Lj., Selection of Central Heating with the Increase of the Energy Efficiency, METALURGIA INTERNATIONAL, 2012, vol. 17, no.4, p. 201-208, ISSN 1582-2214, IF 0.084
10	Senussi G., Misita, M., Kirin, S., Milanovic D.D., Tadic, D., ANALYSIS OF OPTIMAL PRODUCTION PROGRAM IN METALWORKING INDUSTRY, Revista Metalurgia International, 2012, Vol. 17, No. 5, pp 14-20 No. 5, ISSN 1582-2214, IF=0,203
11	Dragojlovic Predrag, Misita Mirjana Z., Milanovic Dragan D., Tadic Danijela, Kirin Snezana D., Risk management and multicriteria optimization of production program, METALURGIA INTERNATIONAL, 2012, vol. 17, no. 6, p. 35-39, ISSN 1582-2214, IF 0.084
12	Tadic D., Djapan M., Misita M., Stefanovic M., Milanovic D.D. A FUZZY MODEL FOR ASSESSING RISK OF OCCUPATIONAL SAFETY IN PROCESSING INDUSTRY, The International Journal of Occupational Safety and Ergonomics, 2012, Vol.18, No.2, p.115-126. IF=0,262
13	Zunjic A., Ristic Lj., Milanovic D.D., Effects of screen filter on visibility of alphanumeric presentation on CRT and LCD monitors, WORK-A JOURNAL OF PREVENTION ASSESSMENT REHABILITATION, 2012, vol. 41, p. 3553-3559

14	Milanović Dragan D., Solving Complex Management Problems By Applying Decision Support Systems, FME TRANSACTIONS, Number 2, p. 97-102, University of Belgrade Faculty of Mechanical Engineering, 2005. YU ISSN 1451-2092, UDC: 621
15	Milanović Dragan D., Misita Mirjana., Tadić Danijela., Milanović Dragan Lj., The Design of Hybrid System for Seving Process Support in Small Businesses, FME TRANSACTIONS, Number 3, p. 143-150, University of Belgrade Faculty of Mechanical Engineering, 2010. YU ISSN 1451-2092, UDC: 621
16	Milanović Dragan D., Žunjić Aleksandar., An Overview of VDT Checklists, Proceedings of the XIX International Seminar of Ergonomics Teachers, Poynan University of Technology., Poznan, 2003.
17	Milanović Dragan D., Misita Mirjana., Milanović Dragan Lj., Spasojević-Brkić Vesna, Tadić Danijela, Information support systems for complex problem solving in industrial engineering, Proceedings SIE 2009, 4 th International Symposium of Industrial Engineering, Faculty of Mechanical Engineering University of Belgrade, p. 16-20, Belgrade, 2009. ISBN 978-86-7083-681-5

Summary of teacher's scientific activities

The total number of citations	6	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	11	The number of international projects in which the teacher is currently engaged	2

Advanced professional training

University of Bologna

Other information considered relevant

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name			Milinovic P Momcilo	
Academic rank			Full Professor	
Particular scientific field			Weapon Systems	
Academic career				
		Date	Institution	Field
Promotion		15.10.2002	Faculty of Mechanical Engineering, University of	Weapon Systems
Ph.D. degree		05.12.1991	FME, University of Belgrade	
M.Sc. Degree		20.09.1979	FME, University of Belgrade	Rosket Propulsion
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1		13.12.2004	Contribution to FCS of missiles with unsteady state dynamical parameters and random disturbances during flight	Dragoslav Ugarak
2		15.03.2006	Contribution to the systems of AT missiles control surfaces in unsteady state aerodynamically conditions	Miodrag Curcin
3		06.07.2007	Contribution to the of FCS design and weapon integration for combined system of AA defence	Nenad Miloradovic
4	11.12.2008		Model of FCS of artillery batery for fire support	Tugomir Kokelj
5	05.07.2010		Contribution to the integration design of remote control combat platforms	Mirko Jezdimirovic
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	M. Milinovic, N.Dodic,"Contemporary fire control systems in air defense: Real target tracking methods"Inter. Monograf. MF.ISBN 86-7083-439-1, Beograd maj 2002			
2	M. Milinovic"Quenching distance and scale of turbulence applied on propellant species afterburning in ducted rocket", (p. 350 - 358),Theory and practice of energetic materials, monografija, Beijing Institute of Technology Press, China, October 1996			
3	B .Jojic, , Z. Stefanovic, Dj Blagojevic M. Milinovic Pressure distribution in rocket nozzle with mechanical system for TVC" AIAA J.Propulsion 23 C., US, 1987.			
4	Nikolic, N., Milinovic, M., Jankovic, R., and Jeremic, O., "Error Reduction in Simulation of Transient Behavior of Queueing Systems Under Critical Traffic Conditions", Proc. Carpathian Logistics Congress CLC1'2011, September, 27-30, Podbanské, High Tatras (Slovakia) (2011), ISSN 1451-107X, (M33)			
5	Sicovic , M.Milinovic, O. Jeremic: Experimental Equipment Research for Cryogenic Joule-Thompson Cryocoolers Comparison in IR Technology Sensors, Strojniški vestnik - Journal of Mechanical Engineering, Vol. 57 (2011) No. 12, ISSN 0039-2480, pp. 936-946, DOI: 10.5545/sv-jme.2010.259 (M23)			
6	M. Milinovic D. Jerkovic, O. Jeremic, M.Kovac, Experimental and Simulation Testing of Flight Spin Stability for Small Caliber Cannon Projectile, Strojniški vestnik - Journal of Mechanical Engineering, Vol 58(2012) No.6, ISSN 0039-2480, pp.394-403, DOI:10.5545/sv-jme.2011.277			
7	Z. Jaksc, M. Milinovic, D.Randjelovic,Nanotechnological Enhancement of Infrared Detectors by Plasmon Resonance In Transparent Conductive Oxide Nanoparticles, Strojniški vestnik - Journal of Mechanical Engineering, Vol 58(2012) No.6, ISSN 0039-2480, pp.367-376, DOI:10.5545/sv-jme.2011.276			
8	M.Milinovic, Strojniški vestnik - Journal of Mechanical Engineering, ISSN 0039-2480, guest editorial, Special Issue, Toward Interdisciplinary Research in Advanced Technologies, (2011-2012) , (M28)			
9	Milinovic Momcilo, Kari Aleksandar, Jeremic Olivera: Researches of Combat Shock Loadings Dumping on MLRS. Poland: Military Technical Institute of Armament, 2008, 7th International Conference on Scientific Aspect of Armament & Safety Technology. str. 937-944			
10	M. Vukobratovic, B. Borovac, M. Rakovic, V. Potkonjak, M. Milinovic International Journal of Humanoid Robotics2008 Vol.5, Number 1 , March 2008, pp119-156 M21			
11	Ljubisa D. Tomis , Momsilo P. Milinovis ,Experimental research of limits for thermal modulation transfer function, Thermal science, Vol. 13 (2009), No. 4, pp.119-128 ,UDK 620.1:66.085.1:772.96, DOI: 10.2298/TSCI0904119T , M23			
12	M. Milinovic, Z.Jeftic, B Forca, T.Miscevic, O.Jeremic, Contribution to european initiatives for battle teams integrations based on initial technology capabilities, ttem, Vol. 8. No.1 2/3 2013			

13	Nikolic N., Jankovic R., Milinovic M., Jeremic O., Jezdimirović M., Queueing Systems in Saturation, Proc. 2nd International Conference Life Cycle Engineering and Management ICDQM-2011, Belgrade, June 29-30, 2011, pp. 157-163, ISBN 978-86-86355-06-5
14	Jankovic R., Milinovic M., Nikolic N., Jeremic O., On Application of Discrete Events Simulation in Armoured and Mechanized Units Research, Proc. 1st International Symposium & 10th Balkan Conference on Operational Research BALCOR, Thessaloniki, Greece, September 22-25, 2011, Vol. 2, pp. 28- 35, ISBN 978-960-87277-7-9.
15	Milinovic M., Kovac M., Jeremic O., Kokelj T., Threshold efficiency probabilities determination of combat systems for joint capabilities approach planning, 4th International Scientific Conference of defensive technologies, OTEH-2011, Belgrade, October 6-7, 2011, ISBN 978-86-81123-50-8
16	Jezdimirovic, M., Milinovic, M., Jankovic, R., Nikolic, N., Remote Controlled Combat Vehicle in the Concept of Network Centric Warfare, Proc. 4th International Scientific Conference on Defensive Technologies OTEH 2011, October, 6-7, Belgrade (Serbia) (2011), pp. 428-433, ISBN 978-86-81123-50-8
17	A. Kari, D. Jerkovic, M. Milinovic, S. Ilic: Launching recoil dumping improvement for MLRS by using a ring wire rope absorber, AMME-15 Conference, May 29-31, 2012, Cairo, Egypt
18	Milnovic M., Kari A., Patent (2009). No. RS 1076U, Intellectual Property Office of the Republic of Serbia

Summary of teacher's scientific activities

The total number of	more than 10	The number of national projects in which the teacher	1
The total number of	7	The number of international projects in which the	1

Advanced professional training

Purbue University West L, Cal USA/ Matra Co.Franse/ SSSR, Weapon designer- Millitary Technolgy Institute 1980-1992

Other information considered relevant

PhD applicants No4,5 are at the University of defence -Mil.Academy

Project menager of Interdisciplinary research projects MNTR-RS III47029 2011- 2014

Corresponding member of AESS ,member of RUSI-London,GB,Laureat of UUPS

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name					Milošević-Mitić O. Vesna				
Academic rank					Full professor				
Particular scientific field					Strength of constructions				
Academic career									
		Date	Institution			Field			
Promotion		09.11.2011.	Faculty of Mechanical Engineering, Belgrade			Strength of constructions			
Ph.D. degree		15.01.1997.	Faculty of Mechanical Engineering, Belgrade			Strength of constructions			
M.Sc. Degree		27.06.1989.	Faculty of Mechanical Engineering, Belgrade			Automatic control			
The list of doctoral theses that are being mentored or have been mentored for the last 10 years									
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title			Ph.D. candidate			
1	12.12.2006.	12.07.2011.	Numerical and experimental strength analysis of boiler constructions			Branka Gaćeša			
2									
Relevant papers published in scientific SCI journals (at least 5, no more than 20)									
1	Maneski Tasko, Jovancic Predrag, Ignjatovic Dragan, Milosevic-Mitic Vesna, Maneski Milos, Condition and behaviour diagnostics of drive groups on belt conveyors, ENGINEERING FAILURE ANALYSIS, (2012) vol. 22, pp. 28-37								
2	Ristivojevic Mileta, Milosevic-Mitic Vesna, Burzic Zijah, Sojic-Radic Mirjana, Analysis of the stress state of multilayer pressed joints, ENGINEERING FAILURE ANALYSIS, (2011) vol. 18 no. 6, pp. 1477-1486								
3	Gacesa Branka, Milosevic-Mitic Vesna, Maneski Tasko, Kozak Drazan, Sertic Josip, Numerical and Experimental Strength Analysis of Fire-Tube Boiler Construction, TEHNICKI VJESNIK-TECHNICAL GAZETTE, (2011) vol. 18 no. 2, pp. 237-242								
4	Milosevic-Mitic Vesna, Kozak Drazan, Maneski Tasko, Andjelic Nina, Gacesa Branka, Stojkov Marinko, Dynamic Nonlinear Temperature Field in a Ferromagnetic Plate Induced by High Frequency Electromagnetic Waves, STROJARSTVO, (2010) vol. 52 no. 2, pp. 115-124								
5	Maretic Ratko, Glavardanov Valentin, Milosevic-Mitic Vesna, Vibration and Stability of a Heavy and Heated Vertical Circular Plate, INTERNATIONAL JOURNAL OF STRUCTURAL STABILITY AND DYNAMICS (2010) vol. 10 no. 5, pp. 1111-1121								
6	Andjelic Nina, Milosevic-Mitic Vesna, Maneski Tasko, An Approach to the Optimization of a Thin-walled Z-beam, STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING (2009) vol. 55, 12, pp. 742-748								
7	Andjelic Nina, Milosevic-Mitic Vesna, Optimum design of thin-walled I-beam subjected to stress constraint, JOURNAL OF THEORETICAL AND APPLIED MECHANIC, 50, 4 Warsaw (2012) pp. 987-999								
Summary of teacher's scientific activities									
The total number of		3	The number of national projects in which the teacher			2			
The total number of		7	The number of international projects in which the			1			
Advanced professional training									
Other information considered relevant									

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name					Milutinovic S. Dragan				
Academic rank					Full professor				
Particular scientific field					Production Engineering				
Academic career									
		Date		Institution			Field		
Promotion		16.07.2002.		University of Belgrade - Mechanical Engineering			Production Engineering		
Ph.D. degree		30.06.1987		University of Belgrade - Mechanical Engineering			Production Engineering		
M.Sc. Degree		29.04.1976.		University of Belgrade - Mechanical Engineering			Production Engineering		
The list of doctoral theses that are being mentored or have been mentored for the last 10 years									
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title				Ph.D. candidate		
1	2009.		CAD/CAM based digital factory integration				Borislav Kovljnic, M. Sc.		
2	2012.		Open architecture control system of reconfigurable robotic machining cells				Zoran Dimic, M.Sc.		
3	2012.		Identification, modelling and compensation of machining robots static compliance errors				Nikola Slavkovic, M. Sc.		
Relevant papers published in scientific SCI journals (at least 5, no more than 20)									
1	Milutinovic D., Glavonjic M., Kvrjic V., Zivanovic S., „A new 3-DOF spatial parallel mechanism for milling machines with long X travel“, CIRP Annals-Manufacturing Technology, (2005), vol. 54 br. 1, str. 345-348, ISSN 0007-8506, doi: 10.1016/S0007-8506(07)60119-X, if. 0.891.								
2	Glavonjic M., Milutinovic D., „Parallel structured milling machines with long X travel“, Robotics and Computer-integrated Manufacturing, (2008), vol. 24 br. 3, str. 310-320, ISSN 0736-5845, doi:10.1016/j.rcim.2006.12.001, if. 1.371.								
3	Glavonjic M., Milutinovic D., Zivanovic S., „Functional simulator of 3-axis parallel kinematic milling machine“, International Journal of Advanced Manufacturing Technology, (2009), vol. 42 br. 7-8, str. 813-821, ISSN 0268-3768, doi: 10.1007/s00170-008-1643-x, if. 1.128.								
4	Glavonjic M., Milutinovic D., Zivanovic S., Dimic Z., Kvrjic V., „Desktop 3-axis parallel kinematic milling machine“, International Journal of Advanced Manufacturing Technology, (2010), vol. 46 br. 1-4, str. 51-60, ISSN 0268-3768, doi: 10.1007/s00170-009-2070-3, if. 1.071.								
5	Milutinovic D., Glavonjic M., Slavkovic N., Dimic Z., Zivanovic S., Kokotovic B., Tanovic Lj., „Reconfigurable robotic machining system controlled and programmed in a machine tool manner“, International Journal of Advanced Manufacturing Technology, (2011), vol. 53 br. 9-12, str. 1217-1229, ISSN 0268-3768, doi: 10.1007/s00170-010-2888-8, if. 1.103.								
Summary of teacher's scientific activities									
The total number of		22		The number of national projects in which the teacher			1		
The total number of		12		The number of international projects in which the			0		
Advanced professional training									
Specialization at The University of Tokyo, Faculty of Engineering in the field of Robotics 1.10.1984-1.4.1986									
Other information considered relevant									
Visiting professor, Tokyo University of Agriculture and Technology, october - december 2006.									
Corresponding member of CIRP (International Academy for Production Engineering Research, Paris) 1997 - 2009.									
Corresponding member of AESS (Academy of Engineering Science of Serbia) 2006 -									
Member of IAENG (International Association of Engineers) 2006 -									

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Miljković, Dj., Zoran		
Academic rank		Full-time Professor		
Particular scientific field		Production Engineering		
Academic career				
		Date	Institution	Field
Promotion		November 2010	University of Belgrade-Faculty of Mechanical Engineering	Production Engineering
Ph.D. degree		31st August 2000	University of Belgrade-Faculty of Mechanical Engineering	Production Engineering
M.Sc. Degree		1988 (Dipl.-Eng.), 8th	University of Belgrade-Faculty of Mechanical Engineering	Production Engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2008	28th September 2012	Machine Learning of Intelligent Mobile Robot Based on Artificial Neural Networks	Najdan L. Vuković
2	2012		Recognition System in Intelligent Robotized Manufacturing Environment	Ivan B. Lazarević, MSc
3	2012		Empirical Control of Intelligent Mobile Robot Based on Machine Learning	Marko M. Mitić

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Miljković,Z., Mitić,M., Lazarević,M., Babić,B., Neural Network Reinforcement Learning for Visual Control of Robot Manipulators, Journal Expert Systems with Applications (ISSN 0957-4174), DOI: 10.1016/j.eswa.2012.09.010 (Online available - 9 October 2012 – Article in press), Elsevier, (Science Citation Index-Web of Science® – IF = 2,203 (2011) → M21; извор KoBSON)
2	Miljković,Z., Vuković,N., Mitić,M., Babić,B., New Hybrid Vision-Based Control Approach for Automated Guided Vehicles, The International Journal of Advanced Manufacturing Technology (ISSN 0268-3768 Print), Article in press_DOI: 10.1007/s00170-012-4321-y (ISSN 1433-3015 Online) (Online First™ Articles - 6 July 2012), Springer-Verlag London Ltd., (Science Citation Index-Web of Science® – IF =1,103 (2011) → M22; извор KoBSON)
3	Babić,B., Nešić,N., Miljković,Z., A Review of Automated Feature Recognition with Rule-Based Pattern Recognition, Journal Computers in Industry (ISSN 0166-3615), Vol.59 (4), pp. 321-337, Elsevier, April 2008. (Science Citation Index-Web of Science® – IF = 2,014 → M21; извор KoBSON)
4	Babić,B., Nešić,N., Miljković,Z., Automatic Feature Recognition Using Artificial Neural Networks to Integrate Design and Manufacturing - Review of AFR Systems, Journal AI Edam: Artificial Intelligence for Engineering Design, Analysis and Manufacturing (ISSN 0890-0604), Vol.25 Issue: 3, pp. 289-304, Cambridge University Press, August 2011. (Published online: 17 December 2010; DOI:10.1017/ S0890060410000545); (Science Citation Index-Web of Science® – IF = 0,786 (2011) → M22; извор KoBSON)
5	Šibalića,T., Majstorović,V., Miljković,Z., An Intelligent Approach to Robust Multi-Response Process Design, International Journal of Production Research (ISSN 0020-7543 Print; ISSN 1366-588X Online), Vol.49 Issue: 17, pp. 5079-5097, Taylor & Francis, 1 September 2011. (Available online: 17 August 2011; DOI:10.1080/00207543.2010.511476); (Science Citation Index-WoS® – IF = 1,115 (2011) → M21; извор KoBSON)
6	Miljković,Z., Gerasimović,M., Stanojević,Lj., Bugarić,U., Using Artificial Neural Networks to Predict Professional Movements of Graduates, Odgojne Znanosti-Educational Sciences; Continued by: Croatian Journal of Education-Hrvatski Casopis za Odgoj i obrazovanje (od 2011) (ISSN 1846-1204), Vol.13 (3), pp. 117-141, Published by the Faculty of Teacher Education University of Zagreb, December 2011. http://cje.ufzg.hr (Science Citation Index-Web of Science® – IF = 0,220 (2011) → M23; извор KoBSON)
7	Babić,B., Miljković,Z., Vuković,N., Antić,V., Towards Implementation and Autonomous Navigation of an Intelligent Automated Guided Vehicle in Material Handling Systems, Iranian Journal of Science and Technology (IJST) – Transactions of Mechanical Engineering (ISSN 1028-6284), Vol. 36, No. M1, pp. 25-40, Printed in The Islamic Republic of Iran, © Shiraz University, April 2012. http://www.shirazu.ac.ir/en/index.php?page_id=2613 (Science Citation Index-Web of Science® – IF = 0,375 (2011) → M23; извор KoBSON)

8	Gerasimović,M., Stanojević,Lj., Bugarić,U., <u>Miljković,Z.</u> , Veljović,A., Using Artificial Neural Networks for Predictive Modeling of Graduates' Professional Choice, Journal The New Educational Review (ISSN 1732-6729), Vol.23 (1), pp. 175-188, Wydawnictwo Adam Marszałek, April 2011. (Science Citation Index-Web of Science® – IF = 0,075 (2011) → M23; извор KoBSON)
9	Stamenković,D., Kojić,D., Matija,L., <u>Miljković,Z.</u> , Babić,B., Physical Properties of Contact Lenses Characterized by Scanning Probe Microscopy and Optomagnetic Fingerprint, International Journal of Modern Physics B (ISSN 0217-9792), Vol.24 Issues:6-7, pp. 825-834, http://dx.doi.org/ 10.1142/S0217979210064460 (20 March 2010), ©World Scientific Publishing Company-Imperial College Press, 2010. (Science Citation Index-Web of Science® – IF = 0,402 → M23; извор KoBSON)
10	Bojović,B., <u>Miljković,Z.</u> , Babić,B., Koruga,Đ., Fractal Analysis for Biosurface Comparison and Behaviour Prediction, Journal Hemijska industrija (ISSN 0367-598X), Vol.63 No.3, pp. 239-245, June 2009. (Science Citation Index-Web of Science® – IF = 0,117 → M23; извор KoBSON)
11	Petrović,M., <u>Miljković,Z.</u> , Babić,B., Integration of Proces Planning, Scheduling, and Mobile Robot Navigation Based on TRIZ and Multi-Agent Methodology, FME Transactions (ISSN 1451-2092), New Series, Vol.41 No.2, pp. 97-106, Article in press (June 2013), (SCOPUS → M24; source KoBSON), University of Belgrade – Faculty of Mechanical Engineering, 2013.
12	Mitić,M., <u>Miljković,Z.</u> , Babić,B., Empirical Control System Development for Intelligent Mobile Robot Based on the Elements of the Reinforcement Machine Learning and Axiomatic Design Theory, FME Transactions (ISSN 1451-2092), New Series, Vol.39 No.1, pp. 1-8, University of Belgrade – Faculty of Mechanical Engineering, 2011.
13	Vuković,N., <u>Miljković,Z.</u> , New Hybrid Control Architecture for Intelligent Mobile Robot Navigation in a Manufacturing Environment, FME Transactions (ISSN 1451-2092), New Series, Vol.37 No.1, pp. 9-18, University of Belgrade – Faculty of Mechanical Engineering, 2009.
14	Bojović,B., <u>Miljković,Z.</u> , Babić,B., Fractal Analysis of AFM Images of Worn-out Contact Lens Inner Surface, FME Transactions (ISSN 1451-2092), New Series, Vol.36 No.4, pp. 175-180, University of Belgrade – Faculty of Mechanical Engineering, 2008.
15	<u>Miljković,Z.</u> , Babić,B., Empirical Control Strategy for Learning Industrial Robot, FME Transactions (ISSN 1451-2092), New Series, Vol.35 No.1, pp. 1-8, University of Belgrade – Faculty of Mechanical Engineering, 2007.
16	<u>Miljković,Z.</u> , Babić,B., Machine-Part Family Formation by Using ART-1 Simulator and FLEXY, FME Transactions (ISSN 1451-2092), New Series, Vol.33 No.3, pp. 157-162, Univ. of Belgrade – Faculty of Mechanical Engineering, 2005.
17	<u>Miljković,Z.</u> , Machine Learning of Intelligent Mechatronic Systems, (in Serbian), Journal TEHNIKA-Mechanical Engineering (ISSN 0461-2531), Vol.56 No.5, pp. 1-14, 2007.
18	Vuković,N., <u>Miljković,Z.</u> , Babić,B., Čović,N., Industrial Mobile Robots in Intelligent Manufacturing Systems, (in Serbian), Journal TEHNIKA-Mechanical Engineering (ISSN 0461-2531), Vol.57 No.4, pp. 11-18, 2008.
19	<u>Miljković,Z.</u> , Bojović,B., Babić,B., Application of Artificial Neural Network and Fractals in Biomedical Materials Surface Behaviour Prediction, Journal TEHNIKA-New Materials (ISSN 0354-2300), Vol.19 No.4, pp.5-14, 2010.

Summary of teacher's scientific activities

The total number of	72 (53 SCI)	The number of national projects in which the teacher	2
The total number of	10	The number of international projects in which the	1

Advanced professional training

Seminar „Professional training for university professors“ (2006)

Other information considered relevant

Prof. Dr. Zoran Miljković was a member of the expert jury at the International Belgrade Fair of Modern Educational Means and Equipment in 1999, 2002, 2003, 2005, 2007, 2008, 2010, and in 2001, 2004, 2009, 2011, 2012 was a chairman of the jury.

He is an evaluator of engineering proposals for FP7–People_2008-2012 (selected by European Commission in Brussels for ITN 2008 - Engineering proposals – CT-EX2006C134719-101 as well as by Research Executive Agency in Brussels for IEF-IOF-IIF 2010 – Eng. proposals – CT-EX2006C134719-102, for ITN 2011 – Eng. proposals – CT-EX2006C134719-103, for ITN 2012 – Eng. proposals – CT-EX2006C134719-105, and for IAPP 2012 – Eng. proposals – CT-EX2006C134719-106).

He is an evaluator of Tempus and Erasmus Mundus proposals (2009-2013) within the „EACEA/07–Executive Agency“ established by European Commission in Brussels. He was selected for Erasmus Mundus Action 2 - Partnerships proposals in April 2010 – EACEA/P4/JF/rs/D (2010) 302098.

He is a reviewer for Journals: AI Edam - Artificial Intelligence for Engineering Design, Analysis and Manufacturing; Journal of intelligent and Robotic Systems; International Journal of Production Research; Materials and Manufacturing Processes; Proc.of the Institution of Mechanical Engineers Part B: Journal of Engineering Manufacture; Journal of Composite Materials; Strojarstvo; Tehnicki Vjesnik_Technical Gazette; Thermal Science; etc.

He is an independent reviewer for curricula development at the secondary technical schools of Serbia within the Center for educational policy.

University representative and lecturer: NEW CURRICULA AND COURSES AT THE FACULTY OF MECHANICAL ENGINEERING OF THE UNIVERSITY OF BELGRADE, „Curriculum Development and ECTS Seminar“ – Plenary Session, Organized by World University Service (WUS) – Austrian Committee (Head Office Graz, Heinrichstrasse 39, A-8010 Graz, <http://www.wus-austria.org>; Local Office in Belgrade, Ohridska 11); Held on 7th June 2006, Budva, Montenegro.

He was a correspondent for Empirica Gesellschaft für Kommunikations- und Technologieforschung mbH – Bonn, Germany (supported by European Commission) within the project titled “Knowledge Transfer Study: correspondent services for the Republic of Serbia“, March 2011.

He was a chairman within the 4th International Conference on Manufacturing Engineering (ICMEN 2011) - Session: Robots and Control in Manufacturing Environment.

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Mitrović M. Radivoje		
Academic rank		Full time professor		
Particular scientific field		Machine Design (OMK)		
Academic career				
		Date	Institution	Field
Promotion		2003.	University of Belgrade Faculty of Mechanical Engineering	Machine Design
Ph.D. degree		1992.	University of Belgrade Faculty of Mechanical Engineering	Machine Design
M.Sc. Degree		1981.	University of Belgrade Faculty of Mechanical Engineering	Machine Design

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2005.	2007.	Investigation of abrasion wear of Rolling Bearings	Tatjana Lazović
2	2010.	-	Development of Method for Machinery Service Life and Reliability Increasing in Fatigue Conditions	Dejan Momčilović

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Tasić M., Mitrović R., Popović P.: „Influence of Running Conditions on Resonant Oscillations in Fresh-Air Ventilator Blades Used in Thermal Power Plants“, Thermal Science, Institut za nuklearne nauke “Vinča”, ISSN 0354-9836, Vol. 13, No. 1, pp 139-146, UDC 621, DOI: 10.2298/TSCI0901139T, [COBISS.SR-ID 516845973], SCI-M23, Belgrade, Serbia, 2009.			
2	Kojić D., Matija L., Petrov L., Mitrović R., Koruga Đ.: „Surface characterisation of Pb1-xMnxTe alloy by atomic force microscopy and magnetic force mode“, Surface engineering, Institut "Mihajlo Pupin", ISSN:0267-0844, DOI: 10.1179/174329409X409369, SCI-M23, Belgrade, Serbia, 2009.			
3	Kojić D., Mitrović R., Matija L., Koruga Đ.: „Magnetic Force Microscopy Application in Steel Structure and Milling Process Parameters Evaluation“, Materials and Manufacturing Processes, Marcel Dekker Inc., ISSN 1042-6914 , pp 1168-1172, Vol. 24, No 10-11, SCI-M23, New York, USA, 2009.			
4	Ristivojević M., Mitrović R., Lazović T.: „Investigation of causes of fan shaft failure“, Engineering Failure Analysis, Elsevier - Pergamon, ISSN 1350-6307, pp 1188-1194, Vol. 17, No. 5, doi:10.1016, SCI-M22, Oxford, United Kingdom, 2010.			
5	Lazović T., Mitrović R., Ristivojević M.: „Influence of internal radial clearance on the ball bearing service life“, Journal of the Balkan Tribological Association, Scientific Bulgarian Communications, ISSN: 1310-4772, pp 1-8, Vol. 16, No. 1, SCI-M23, Sofia, Bulgaria, 2010.			
6	Atanasovska I., Mitrović R., Momčilović D., Subić A.: „Analysis of the Nominal Load Effects on Gear Load Capacity using the Finite Element Method“, Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, Professional Engineering Publishing Ltd., ISSN: 0954-4062, Vol. 224, No. 11, pp 2539-2548, SCI-M23, Suffolk, United Kingdom, 2010.			
7	Popović P., Ivanović G., Mitrović R., Subić A.: “Design for Reliability of a Vehicle transmission system“, Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, ISSN 0954-4070, doi: 10.1177/0954407011416175, SCI-M23, Suffolk, United Kingdom, 2011.			
8	Momčilović D., Odanović Z., Mitrović R., Atanasovska I., Vuherer T.: “Failure Analysis of Hydraulic Turbine Shaft“, Engineering Failure Analysis, Elsevier - Pergamon, ISSN 1350-6307, PII: S1350-6307(11)00258-5, DOI: 10.1016/j.engfailanal.2011.10.006, Reference: EFA 1669, SCI-M22, Oxford, United Kingdom, Accepted: 18 October 2011.			
9	Šćepanović M., Tihaček-Šojić Lj., Tasić M., Mitrović R., Todorović A., Tritković B.: “The finite element analysis in defining the optimal shape and safety factor of retentive clasp arms of removable partial denture“, Vojnosanitetski pregled, Vojnomedicinska akademija, Institut za naučne informacije, ISSN 0042-8450, SCI-M23, Belgrade, Serbia, Accepted: 4 November 2011.			
10	Mitrović R., Momčilović D., Erić O., Atanasovska I., Hut N.: “Study on impact properties of creep-resistant steel simulated heat affected zone“, Thermal Science - online, Institut za nuklearne nauke “Vinča”, ISSN 0354-9836, UDC 621, SCI-M23, Belgrade, Serbia, 2011.			

Summary of teacher's scientific activities

The total number of	5	The number of national projects in which the teacher	2
The total number of	10	The number of international projects in which the	1

Advanced professional training

Russia 1987, Shekoslovakia 1990/91
Other information considered relevant
October reword - Chember Commerce of Belgrade, for Magisterium and PhD thesis
Bronse medal of Nikola Tesla, Association of Inventors Belgrade, 2007.
Member of National Comitee UNESCO

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Mitrović S. Zoran		
Academic rank		Full Professor		
Particular scientific field		Mechanics		
Academic career				
	Date	Institution	Field	
Promotion	10.4.2008.	University of Belgrade, Faculty of Mechanical Engineering	Mechanics	
Ph.D. degree	10.1.1997.	University of Belgrade, Faculty of Mechanical Engineering	Mechanics	
M.Sc. Degree	30.5.1988.	University of Belgrade, Faculty of Mechanical Engineering	Automatic Control	
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	7/11/2005	12/14/2011	Hybrid software system for diagnosis of skin biophysical state based on expert systems, neural networks, fuzzy logic and genetic algorithms	Ribar Srđan
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Đurić, N.; Novaković, V.; Holst, J.; Mitrović, Z.; Optimization of energy consumption in buildings with hydronic heating systems considering thermal comfort by use of computer-based tools, Energy and Buildings, Vol. 39, Issue 4, (2007), pp. 471-477. ISSN: 0378-7788 IDS Number: 146YV, doi:10.1016/j.enbuild.2006.08.009, IF(2007)=0,834			
2	Djukić, M., Rusov, S., Mitrović, Z.,: A fuzzy model for an increase in locomotive traction force, Transport, Vol. 25, No 1, pp. 36 – 45, 2010. ISSN 1648-4142, doi: 10.3846 / transport.2010.06, IF(2009)=2,552			
3	Obradović, A., Vuković, J., Mladenović, N., Mitrović, Z.: Time optimal motions of mechanical system with a prescribed trajectory, Meccanica, Vol. 46., No. 4., pp. 803 – 816, 2011. ISSN: 00256455, doi: 10.1007/s11012-010-9339-3, IF(2011)=1,558			
4	Jeremić, O., Šalinić, S., Obradović, A., Mitrović, Z.: On the brachistochrone of a variable mass particle in general force fields, Mathematical and computer modelling, Vol.54, No. 11-12, pp. 2900–2912, 2011. ISSN 0895-7177, doi: 10.1016/j.mcm.2011.07.011, IF(2011)=1,346			
5	Šalinić, S., Obradović, A., Mitrović, Z., Rusov, S.: Brachistochrone with limited reaction of constraint in an arbitrary force field, Nonlinear Dynamics, Vol. 69, No. 1-2, pp. 211 –222, 2012. ISSN 0924-090X, doi: 10.1007/s11071-011-0258-1, IF(2011)=1,247			
6	Šalinić, S., Obradović, A., Mitrović, Z.,: On the brachistochronic motion of mechanical systems with unilateral constraints, Mechanics Research Communications, Vol. 45, pp. 1–6, 2012, ISSN 0093-6413, doi:10.1016/j.mechrescom.2012.06.006, IF(2011)=1,273			
7	Djukić M., Rusov S., Mitrović Z., Obradović A., Salinić S.: Fuzzy model for braking force maximization, Journal of Theoretical and Applied Mechanics (2012), Vol. 50, No. 4, ISSN 1429-2955, http://www.ptmts.org.pl/in_press.html , IF(2011)=0,283			
8	Zorić N., Simonović A., Mitrović Z., Stupar S. - Active vibration control of smart composite beams using PSO-optimized self-tuning fuzzy logic controller, Journal of Theoretical and Applied Mechanics (2012), ISSN 1429-2955, http://www.ptmts.org.pl/in_press.html , IF(2011)=0,283			
Summary of teacher's scientific activities				
The total number of citations	12	The number of national projects in which the teacher is currently engaged	1	
papers published in the SCI (SSCI) journals	8	The number of international projects in which the teacher is currently engaged	1	
Advanced professional training				
Other information considered relevant				

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Micković, M, Dejan	
Academic rank		Full professor	
Particular scientific field		Military Engineering - Weapon Systems	
Academic career			
	Date	Institution	Field
Promotion	22.12.2010.	University of Belgrade, Faculty of Mechanical	Military Engineering -
Ph.D. degree	25.04.2000.	University of Belgrade, Faculty of Mechanical	Military Engineering -
M.Sc. Degree	04.10.1979.	University of Belgrade, Faculty of Mechanical	Military Engineering -
The list of doctoral theses that are being mentored or have been mentored for the last 10 years			
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Ph.D. candidate
Relevant papers published in scientific SCI journals (at least 5, no more than 20)			
1	Micković, D., Jaramaz, S.: Igniter Function: Experimental and Theoretical Studies, Propellants, Explosives, Pyrotechnics, Vol. 35, Issue 3, 2010, 254-259		
2	Jaramaz, S., Micković, D., Elek, P.: Two-phase flows in gun barrel: Theoretical and experimental studies, International Journal of Multiphase Flow, Volume 37, Issue 5, 2011, 475-487		
3	Jaramaz, S., Mickovic, D., Elek, P.: Determination of gun propellant erosivity: Experimental and theoretical studies, Experimental Thermal and Fluid Science, Vol. 34, Issue 6, 2010, 760-765		
4	Elek, P., Jaramaz, S., Micković, D.: Modeling of perforation of plates and multi-layered metallic targets, International Journal of Solids and Structures, 3-4/42, 2005, 1209-1224		
5	Bjelovuk D.I., Jaramaz S., Micković D.: Estimation of explosive charge mass used for explosions on concrete surface for the forensic purpose, Science and Justice, Vol. 52, 2012, 20-24		
6	Micković, D., Jaramaz, S., Elek, P., Jaramaz, D., Micković, D.: Model for shaped charge warhead design, Strojniški vestnik – Journal of Mechanical Engineering, Vol. 58, No. 6, 2012, 404-411		
Summary of teacher's scientific activities			
The total number of	21	The number of national projects in which the teacher	1
The total number of	6	The number of international projects in which the	
Advanced professional training			
ENSTA (Ecole Nationale Supérieure de Technique Avancées), Paris, France, 1983. - 1985.			
Other information considered relevant			
Founding member of International Ballistics Society			

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name			Milos S. Nedeljkovic		
Academic rank			Full Professor		
Particular scientific field			Fluid machinery and energy systems, Applied fluid mechanics		
Academic career					
		Date	Institution	Field	
Promotion		29.3.2002.	University of Belgrade, Fac.Mechanical Engineering	Fl.mach, Appl.fl.mech.	
Ph.D. degree		9.6.1993.	University of Belgrade, Fac.Mechanical Engineering	Fl.mach, Appl.fl.mech.	
M.Sc. Degree		15.9.1980.	University of Belgrade, Fac.Mechanical Engineering	Fl.mach, Appl.fl.mech.	
The list of doctoral theses that are being mentored or have been mentored for the last 10 years					
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate	
1	30.9.2003.	9.11.2004.	Modelling of solar photovoltaic systems in urban surroundings (M.Ned.-comentor) - in Serbian	Ljubisav Stamenic	
2	27.12.2002.	5.3.2008.	Investigation and development rotor lobe volumetric pumps based on the improvement of design of Roots blowers - in Serbian	Slobodan Manojlovic	
3	28.04.2004.	20.9.2011.	Experimental investigation on the influence of hydrodynamic conditions on cavitation behaviour	Ezddin Ali Farag Hutli	
4	14.9.2009.	30.7.2012.	Analysis of vortex core and turbulent structure in straight circular pipes behind axial flow fan impeller using PIV, LDA and HWA methods - in Serbian	Djordje Cantrak	
5	22.6.2011.	going on	Theoretical and experimental investigation of swirling flow in straight circular diffusers (M.Ned.-comentor) - in Serbian	Dejan Ilic	
Relevant papers published in scientific SCI journals (at least 5, no more than 20)					
1	Protic ZD, Nedeljkovic MS, Cantrak DS, Jankovic NZ. Novel Methods for Axial Fan Impeller Geometry Analysis and Experimental Investigations of the Generated Swirl Turbulent Flow, THERMAL SCIENCE, 2010, Vol.14, p.125-139, ISI-JCR-SCI Impact Factor for 2010 (3yr) = 0.706, M23=3, Cited WoS = 1				
2	Hutli EAF, Nedeljkovic MS, Radovic NA. Mechanics of submerged jet cavitating action: material properties, exposure time and temperature effects on erosion. Arch Appl Mech, ISSN 0939-1533 (Print), Springer-Verlag, Vol.78 (2008), No.5, pp.329-341. ISSN 1432-0681 (Online), DOI 10.1007/s00419-007-0163-8, Published online: 28 August 2007, http://www.springerlink.com/content/vt031q1274685303/?p=a98361df429d419b819b4b19f87497f3&pi=6 , ISI-JCR-SCI Impact Factor for 2008 (3yr) = 0.825, IF (5yr) = 0.981, M23=3				
3	Hutli EAF, Nedeljkovic MS. Frequency in Shedding/Discharging Cavitation Clouds Determined by Visualization of a Submerged Cavitating Jet. Trans ASME, J Fluids Eng, Vol.130, (2008), No.2, pp. 021304-1-8, DOI 10.1115/1.2813125. ISI-JCR-SCI Impact Factor for 2008 (3yr) = 0.628, IF (5yr) = 0.866, M23=3				
4	Hutli EAF, Nedeljkovic MS. Formula for upstream pressure, nozzle geometry and frequency correlation in shedding/discharging cavitation clouds determined by visualization of submerged cavitating jet, NEW TRENDS IN FLUID MECHANICS RESEARCH - PROCEEDINGS OF THE FIFTH INTERNATIONAL CONFERENCE ON FLUID MECHANICS, 2007, p.194-197 (Proceedings Paper Listed in WoS)				
5	Nedeljkovic M, Protic Z, Benisek M. Rotational Number as Criterion for Definition of Inlet Diameter of Fan Impellers. ZAMM – Zeitschrift f'ur Angewandte Mathematik und Mechanik, Vol.81 (2001), Suppl.4, ISSN 0946-8463, S.931-932, Wiley-VCH, Berlin, Deutschland, ISI-JCR-SCI Impact Factor for 2001 (3yr) = 0.238, M23=3				
6	Benisek M, Nedeljkovic M, Cantrak S, Anicin, S. Investigation of the Swirling Flow Characteristics in a Diffuser. ZAMM – Zeitschrift f'ur Angewandte Mathematik und Mechanik, Vol.81 (2001), Suppl.4, ISSN 0946-8463, S.907-908, Wiley-VCH, Berlin, Deutschland, ISI-JCR-SCI Impact Factor for 2001 (3yr) = 0.238, M23=3				
7	Cantrak S, Benisek M, Nedeljkovic M, Lecic M. Problems of Non-Local Turbulent Transfer Modelling. ZAMM – Zeitschrift f'ur Angewandte Mathematik und Mechanik, Vol.81 (2001), Suppl.4, ISSN 0946-8463, S.913-914, Wiley-VCH, Berlin, Deutschland, ISI-JCR-SCI Impact Factor for 2001 (3yr) = 0.238, M23=3, Cited WoS = 1				
8	Protic Z, Nedeljkovic M. Polynomisches Auslegungsverfahren. Abschnitt 2.8.1 (s.131-136) in den Buch: Bommes L, Fricke J, Grundmann R. (Hrsg.) "Ventilatoren", 2. Auflage, Vulkan-Verlag, Essen 2002, ISBN 3-8027-3200-6				
Summary of teacher's scientific activities					
The total number of		3	The number of national projects in which the teacher		2
The total number of		6	The number of international projects in which the		2
Advanced professional training					
Several short visits to universities in Germany					

Other information considered relevant
Subjects in doctoral studies:
- Organization and methods of scientific and research work and communication
- Turbomachinery flow phenomena - design of cascades and blades of impellers
- Turbomachinery flow phenomena - computational fluid mechanics
Potential mentor to 3 candidates

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Aleksandar M Obradovic		
Academic rank		Full Professor		
Particular scientific field		Mechanics		
Academic career				
		Date	Institution	Field
Promotion		20.05.2010.	Faculty of Mechanical Engineering, Belgrade University	Mechanics
Ph.D. degree		30.03.1995.	Faculty of Mechanical Engineering, Belgrade University	Mechanics
M.Sc. Degree		04.06.1987.	Faculty of Mechanical Engineering, Belgrade University	Production Engineering
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	06.12.2007.	18.05.2012.	Theoretical and experimental analysis of oscillations of systems with long shafts	Dragan Trifković
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Čović V., Vesković M., Obradović A., On the Instability of Equilibrium of nonholonomic systems with Nonhomogeneous Constraints, Mathematical and Computer Modelling, ISSN 0895-7177, (2010) vol. 51 No. 9-10, 1097-1106			
2	Obradović A., Čović V., Vesković M., Dražić M., Brachistochronic Motion of a Nonholonomic Rheonomic Mechanical System, Acta Mechanica, ISSN 0001-5970, 214, 291–304 (2010)			
3	Bošnjak S., Petković Z., Zrnić N., Pantelić M., Obradović A., Failure analysis and redesign of the bucket wheel excavator two-wheel bogie, Engineering Failure Analysis, ISSN 1350-6307, 17, 2010, 473-485			
4	Čović V., Vesković M., Đurić D., Obradović A., On the stability of equilibria of nonholonomic systems with nonlinear constraints, Applied Mathematics and Mechanics. English Edition, ISSN 0253-4827 (2010), vol. 31 No. 6, 751-760			
5	Obradović A., Vuković J., Mladenović N., Mitrović Z., Time optimal motions of mechanical system with a prescribed trajectory, Meccanica, ISSN 0025-6455, (2011) 46, 803–816			
6	Čović V., Vesković M., Obradović A., On the Instability of steady motion, Meccanica, ISSN 0025-6455 (2011) 46, 855–863			
7	Vesković M., Čović V., Obradović A., Instability of equilibrium of nonholonomic systems with dissipation and circulatory forces, Applied Mathematics and Mechanics. English Edition, ISSN 0253-4827 (2011), vol. 32 No. 2, 211-222			
8	Jeremić O., Šalinić S., Obradović A., Mitrović Z., On the brachistochrone of a variable mass particle in general force fields, Mathematical and Computer Modelling, ISSN 0895-7177, (2011) vol. 54 No. 11-12, 2900-2912			
9	Čović V., Đurić D., Vesković M., Obradović A., Lyapunov-Kozlov method for singular cases, Applied Mathematics and Mechanics. English Edition, ISSN 0253-4827 (2011), vol. 32 No. 9, 1207-1220			
10	Šalinić S., Obradović A., Mitrović Z., Rusov S., Brachistochrone with limited reaction of constraint in an arbitrary force field, Nonlinear Dynamics, ISSN 0924-090X, Volume 69, No 1-2 (2012), 211-222			
11	Šalinić S., Obradović A., Mitrović Z., On the brachistochronic motion of mechanical systems with unilateral constraints, Mechanics Research Communications, ISSN 0093-6413, Volume 45, (2012), 1-6			
12	Đukić M., Rusov S., Obradović A., Mitrović Z., Šalinić S., Fuzzy Model for Braking Force Minimization, Mechanics Research Communications, Journal of Theoretical and Applied Mechanics, ISSN 1429-2955, (2012), Vol.50, No.4, 1037-1048			
13	Zrnić N., Gašić V., Obradović A., Bošnjak S., Appropriate Modeling of Dynamic Behavior of Quayside Container Cranes Boom Under a Moving Trolley, in Springer Proceedings in Physics 139, Vibrations Problems ICOVP 2011, ISSN 0930-8989, ISBN 978-94-007-2068-8, 81-86			
14	Vlada Gašić, Nenad Zrnić, Aleksandar Obradović, Srđan Bošnjak, Consideration of Moving Oscillator Problem in Dynamic Responses of Bridge Cranes, FME Transactions (2011) 39, 17-24			
15	Obradović A., Optimal Control of a Rigid Body System in a Complex Case, Theoretical and Applied Mechanics, No 17, 1991., 121-132			
16	Vuković J., Obradović A., A Contribution to Optimization of Motion of a Rigid Body System, Theoretical and Applied Mechanics, Vol 1, 2004., 443-446			
17	Vuković J., Obradović A., Optimization of the Multy Body System Motion with Internal Loads Constraints, Theoretical and Applied Mechanics, Vol.2, 2004., 280-286			

18	Obradovic A. , Vukovic J., Minimization of the Control Time of Motion in Mechanical Systems Having Cyclical Integral in an uncontrolled Motion, Facta Universitatis, Series Mechanics, Automatic Control and Robotics, Vol.1, No 2, 1992., 231-239		
19	Vukovic J., Obradovic A., Optimal Control and Constraint Reactions of Mechanical Systems, Transactions, Belgrade, No 1, 1995., 31-35		
20	Vukovic J., Obradovic A., Determination of Constant Parameters of Optimally Controlled Systems, Transactions, Belgrade, No 1, 1996., 46-49		
Summary of teacher's scientific activities			
The total number of citatio	18	The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	12	The number of international projects in which the teacher is currently engaged	1
Advanced professional training			
Other information considered relevant			

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Ognjanović B Milosav		
Academic rank	Full professor		
Particular scientific field	Machine design		
Academic career			
	Date	Institution	Field
Promotion	1996.	University of Belgrade, Faculty of Mechanical	Machine design
Ph.D. degree	1984.	University of Belgrade, Faculty of Mechanical	Machine design
M.Sc. Degree	1974.	University of Belgrade, Faculty of Mechanical	Production Engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1		30.12.2004.	Research of rotating mass vibration excited by high speed gear meshing	Fathi Agemi
2		09.06.2006.	Research of energy losses and failures of planetary gear trains components	Predrag Živković
3		23.02.2010.	Research of housing modal behaviour effect at acoustic emission of gear drive units	Snežana Ćirić-Kostić
4	2009.		Research of models and approaches for product development in mechanical engineering based on TRIZ and WOIS principles	Jasmina Babić
5	2010.		Reliability and Vibrations as Design Constraints in Machine Systems Development	Matug Benur
6	2010.		Research and development procedure and models for robust design of automotive gearboxes	Miroslav Milutinović

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Ognjanovic M., Ćirić Kostić S.: Gear Unit Housing Effect on the Noise Generation Caused by Gear Teeth Impacts, Strojniski vestnik – Journal of Mechanical Engineering, 58 (2012) 5, pp 327-337. ISSN 0039-2480 (IF=0,466), DOI:10.5545/sv-jme.2010.232, M23
2	Ognjanovic M., Benur M. (2011) Experimental Research for Robust Design of Power Transmission Components, Meccanica, 46 (2011) 4, pp 699-710, ISSN 0025-6455 (IF=0,892), DOI: 10.1007/s11012-010-9331-y , M22
3	Ognjanovic M., Agemi F. (2010) Gear vibrations in supercritical mesh-frequency range caused by teeth impacts, Strojniski vestnik – Journal of Mechanical Engineering 56 (2010) 10, pp 653-662. ISSN 0039-2480 (IF=0,533), M23
4	Ognjanovic M, Simonovic A., Ristivojevic M., Lazovic T.: Research of rail traction shafts and axles fractures towards impact of service conditions and fatigue damage accumulation, - Engineering Failure Analysis 17 (2010) 7-8, pp 1560-1571, ISSN1350-6307 (IF=0.945), DOI 10.1016/j.engfailanal.2010.06.007, M22
5	Ognjanovic M., Obradovic P., Design Process for Pressure Housing of Power Systems, - Journal of Engineering Design, 1998, 9(2), pp 198-204. ISSN 0954-4828, IF=0,280, M23
6	Ognjanovic M, Decisions in gear train transmission design, - Research in Engineering Design, 1996, 8(3), pp 178-188. ISSN 0934-9839 , IF=0,100 (za 1996), IF=0,389 (za 1998), M23
7	Tosic M., Gligorijevic R., Ognjanovic M., Fatigue improvements of glow-discharge-plasma-nitrided steel rotary specimens, - Journal of Surface and Coatings Technology, 1994, 63(2), pp 63-73. ISSN 0257-8972, IF=0,901, M23
8	Ćirić-Kostić S., Ognjanovic M.(2007) The Noise of Gear Transmission Units and the Role of Gearbox Walls, - Journal FEM-Transactions, Vol. 35, No.2, pp 105-112.
9	Ćirić-Kostić S., Ognjanovic M.(2006) Excitation of the Modal Vibrations in Gear Housing Walls, - Journal FEM-Transactions, Vol. 34, No.1, pp 21-28.
10	Ognjanovic M. (2004) Progressive gear teeth wear and failure probability modeling, - Tribology in industry Vol.26, No 3-4, pp 44-49.
11	Agemi F., Ognjanovic M. (2004) Gear Vibration in Supercritical Mesh-Frequency Range, - Journal FEM-Transactions, Vol. 32, No.2, pp 87-94.
12	Živković P., Ognjanović M.: Experimental Determination of Losses and Planetary Set Efficiency Coefficient, - JuDEKO –Journal of Mechanical Engineering Design, Vol. 3, No 1, 2000, pp 21-28
13	Ognjanovic M., Obradovic P.: Towards a More Rational Design of Welded Machine Parts, -JuDEKO –Journal of Mechanical Engineering Design, Vol. 2, No 1, 1999, pp 23-30

14	Ognjanovic M.: Machine Design, State and Tendencies, - JuDEKO - Journal of Mechanical Engineering Design, Vol. 1, No 1, 1998, pp 1-12
15	Ognjanovic M., Obradovic P.: Modeling of High-Pressure Dynamic Sealing Joints, - International journal "Tribology in industry", Vol.20, No 1, 1998., pp 27-32.
16	Ognjanović M., Rosić B.: Optimum Design Model of Planetary Gear Train Transmission - Transaction of the Faculty of Mechanical Engineering, University of Belgrade 1995, No 1(1-9).
17	Ognjanović M., Petković V.: The Noise with Variable Spectrum Exciting and Insulation in Machine Systems, - Transactions of the Faculty of Mechanical Engineering, University of Belgrade No 2, 1994. (1-7).
18	Ognjanović M.: Wave Energy Movement in Mechanical Systems and Noise Emission, - Journal of Machine Vibration, - Springer-Verlag Ltd., London 1994, No 3 (40-48).
19	Ognjanović M., Subić A.: Gear Quality Prediction Using Vibration Analysis, - Journal of Machine Vibration, - Springer-Verlag Limited, London 1993, No 2 (92-100).
20	Ognjanović M., Subić A.: Some Approaches in Machine Parts Modeling Using CAD-Software, -Journal of Engineering Design, - Carfax Publishing Company, - Journals Oxford, No 2, Vol.4, 1993, (107-116).

Summary of teacher's scientific activities

The total number of	17 SCI citata,	The number of national projects in which the teacher	1
The total number of	7	The number of international projects in which the	1

Advanced professional training

Visits and stay at 15 universities

Other information considered relevant

Representative of Serbia in DANUBIA-ADRIA Society for Experimental Mechanics

Representative of Serbia in Balcan Society for Power Transmission

Member of Academy of Engineering Sciences of Serbia

President of Scientific fields panel of engineering sciences, University of Belgrade

Organiser of conferences in Experimental mechanics and Power Transmission.

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Petrović, B, Petar		
Academic rank		Full Professor		
Particular scientific field		Production Engineering		
Academic career				
		Date	Institution	Field
Promotion		04.12.2008.	Faculty of Mechanical Engineering, Belgrade	Production Engineering
Ph.D. degree		22.10.1996.	Faculty of Mechanical Engineering, Belgrade	Mechanical Engineering
M.Sc. Degree		04.03.1982.	Faculty of Mechanical Engineering, Belgrade	Mechanical Engineering
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	20.09.2005.	27.10.2010.	Learning and Context Recognition in Robotic Assembly	Živana Jakovljević
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Petrović, P. B. and Milačić, V. R., "Adaptive Fuzzy Control of Mechanical Behavior for a Two Degree-of-Freedom Robotic Manipulator", Journal of Intelligent Manufacturing, (1998) Vol. 9, No. 4, Kluwer Academic Publishers, ISSN 0956-5515, pp.:369-375.			
2	Petrovic, P., Jakovljevic, Z., Dynamic Compensation of Electrical Runout in Eddy Current Contactless Measurements of Non-Stationary Ferromagnetic Target, Sensor letters, Vol.7, 191–202, 2009, doi:10.1166/sl.2009.1031.			
3	Petrovic, P., Jakovljevic, Z., Milacic, V., Context sensitive recognition of abrupt changes in cutting process, Expert Systems with Applications 37, 2010, pp: 3721–3729, 10.1016/j.eswa.2009.11.053.			
4	Jakovljevic, Z., Petrovic, P., B., Hodolic, J., Contact states recognition in robotic part mating based on support vector machines, The International Journal of Advanced Manufacturing Technology, 2012, pp: 1-19, DOI 10.1007/s00170-011-3501-5, ISSN 0268-3768.			
5	Jakovljevic, Z., Petrovic, P., B., Mikovic, V., Pajic, M., Fuzzy Inference Mechanism for Recognition of Contact States in Intelligent Robotic Assembly, Journal of Intelligent Manufacturing, 2012, pp: 1-17, DOI 10.1007/s10845-012-0706-x, Print ISSN 0956-5515.			
6	Milačić, V. R. and Petrović P. B., "Designing Chamfers for Automatic Assembly", Manufacturing Systems, Vol.19, No. 2, 1990, pp.: 135-147.			
7	Petrović P., Milačić V., "A Concept of an Intelligent Fuzzy Control for Assembly Robot", 48th CIRP General Assembly, Athens, GREECE, Annals of the CIRP, Vol.47/1, 1998, pp.: 9-12.			
8	Petrović, P. B. and Milačić, V. R., "An Adaptive Fuzzy Network for the Control of Manipulating Robot Dynamic Behavior", International Journal of Control & Cybernetics, Special Issue on "Control with Softcomputing", Vol. 27, No. 4, 1998, pp.: 503-519.			
9	Petrović, P. B. and Milačić, V. R., "An Adaptive Fuzzy Network for the Control of Manipulating Robot Dynamic Behavior", International Journal of Control & Cybernetics, Special Issue on "Control with Softcomputing", Vol. 27, No. 4, 1998, pp.: 503-519.			
10	Petrović P., Milačić V., "Closed-form Resolution Scheme of the Direct Kinematics of Parallel Link Systems Based on Redundant Sensory Information", 49th CIRP General Assembly, Montreux, Switzerland, Annals of the CIRP, Vol. 48/1, 1999, pp.: 341-344.			
11	Petrović P., Milačić V., Dželatović G., "New Feeding System For High Speed Assembly Of Small Parts", 50th CIRP General Assembly, Sydney, AUSTRALIA, Annals of the CIRP, Vol.49/1, 2000, pp.: 9-12.			
12	Petrović P., " A Fast One-Pass Algorithm for Data-Driven Fuzzy Pattern Recognition", International Journal of Fuzzy Systems, Vol.4, No.2, 2002, pp.: 680-689.			
13	Antic, A., Petrovic, P.B., Zeljkovic, M., Kosec, B., and Hodolic, J., The Influence of Tool Wear on the Chip-Forming Mechanism and Tool Vibrations, Materials and technology 46 (2012) 3, pp: 279–285, UDK 620.178.1:621.941, ISSN 1580-2949.			
14	Kasabov, Nikola and Kozma, Robert, (Eds) "Neuro-Fuzzy Techniques for Intelligent Information Systems", Chapter 20: Petrović P., Milačić V., "Fuzzy-Impedance Controller for Constrained Robot Motion", pp.: 397-414, Springer-Verlag Co. - Phisica-Verlag, Hilderberg New York, 1999, ISBN 3-7908-1187-4.			
15	Cho, Sung-Bae, (Editor) "PRACTICAL APPLICATIONS OF SOFTCOMPUTING IN ENGINEERING", Prilog monografiji Chapter 3: Petrović, P.B., "Predictive Fuzzy Model for Control of an Artificial Muscle", pp.: 69-92, World Scientific Publishing Company, 2001, ISBN 981-02-4523-8.			

16	Petrović P., Milačić V., "Fuzzy-Impedance Control and Isotropic Behaviour of Manipulating Robots", The 4th International Conference on Soft Computing IIZUKA'96, 1996, JAPAN, pp.: 342-345.
17	Petrović P., Milačić V., "Concept of Fuzzy Controller for Redundant Robots - Contribution to Robotic Assembly", 27th International Symposium on Industrial Robots, 1996, Milan, ITALY, pp.: 949-954.
18	Petrović P., Milačić V., "Adaptive Fuzzy Controller for Robotic Manipulator Designed by Asymptotic Stability Criterion", The 29th International Symposium on Robotics, Birmingham, ENGLAND, 27 - 30 April 1998, pp.:379-382.
19	Petrović P., Milačić V., "A Fuzzy Dynamic Model and Control of an Artificial Pneumatic Muscle", The 5th International Conference on Soft Computing IIZUKA'98, 1998, JAPAN, pp.: 801-804.
20	Petrović P., Milačić V., " New Linear Feeding System for High Speed Assembly Developed Using Axiomatic Design Theory", The Third World Congress on Intelligent Manufacturing Processes & Systems, MIT, Cambridge MA, USA, June 28-30, 2000, pp: 290-295

Summary of teacher's scientific activities

The total number of citations	5	The number of national projects in which the teacher is currently engaged	2
papers published in the SCI (SSCI) journals	10	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

1989 Fraunhofer Institute for Production Engineering - IPA, Stuttgart, Germany.
1996 Fuzzy Logic Systems Institute (FLSI) of Kyushu Institute of Technology, Iizuka, Japan
1998 Fuzzy Logic Systems Institute (FLSI) of Kyushu Institute of Technology, Iizuka, Japan
2002 Fraunhofer Institute of Technology IPT, Aachen, Germany.
2002 Laboratory for Machine Tools and Production Engineering, RWTH Aachen, Germany.
2003 Brandenburg University of Technology Cottbus, Berlin, Germany.
2003 Institute for Machine Tools and Industrial Management, Technische Universität München, Germany.

Other information considered relevant

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Petrović, Vladan, Dragan		
Academic rank	full time professor		
Particular scientific field	Theory of Mechanisms and machines, Engineering Drawing with Descriptive		
Academic career			
	Date	Institution	Field
Promotion	27.06.2012.	Faculty of Mechanical Engineering	Mechanical Engineering
Ph.D. degree	12.11.2001.	Faculty of Mechanical Engineering	Mechanical Engineering
M.Sc. Degree	14.06.1988.	Faculty of Mechanical Engineering	Mechanical Engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
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Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Genić, S., Jacimović, B., Mandić, D., Petrović, D.: Experimental determination of fouling factor on plate heat exchangers in district heating system, Energy Buildings (2012), doi:10.1016/j.enbuild.2012.03.039, Volume 50, July 2012, Pages 204–211, ISSN 0378-7788, IF 2011 =2,386			
2	Popkonstantinović, B., Miladinović, Lj., Stoimenov, M., Petrović, D., Ostojić, G., Stankovski, S.: DESIGN, MODELLING AND MOTION SIMULATION OF THE REMONTOIRE MECHANISM, Transactions of Famena, XXXV-2, Pages 79 - 93, 2011, ISSN 1333-1124, IF 2010 = 0,143 http://famena.fsb.unizg.hr/famena.php?lang=eng&famena=36			
3	Popkonstantinović, B., Miladinović, Lj., Stoimenov, M., Petrović, D., Petrović, N., Ostojić, G., Stankovski, S.: The Practical Method for Thermal Compensation of Long-Period Compound Pendulum, Indian Journal of Pure & Applied Physics, Vol. 49(10), Pages 657 - 664, October 2011, ISSN 0019-5596, IF 2010 = 0,511 http://nopr.niscair.res.in/handle/123456789/12729			
4	Janković, J., Petrović, N., Miladinović, Lj., Popkonstantinović, B., Stoimenov, M., Petrović, D., Ostojić, G., Stankovski, S.: Computer Simulation of Fast Hydraulic Actuators, Iranian Journal of Science and Technology, Transactions of Mechanical Engineering, ISSN 1028-6284, Volume 36, Number M1, pp.95-106, Iran, 2012 http://www.shirazu.ac.ir/en/index.php?page_id=2613			
5	Miladinović, Lj., Popkonstantinović, B., Stoimenov, M., Petrović, D., Ostojić, G., Stankovski, S.: LASER INSPECTION OF RUBBER PROFILES, Scientific Research and Essays, Vol. 6 (16), Pages 3431-3436, 19 August, 2011, ISSN 1992-2248, IF 2010 = 0,445; http://www.academicjournals.org/SRE/contents/2011Cont/19Aug.htm			

Summary of teacher's scientific activities

The total number of		The number of national projects in which the teacher	
The total number of	5	The number of international projects in which the	

Advanced professional training

Other information considered relevant
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Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Petrovic, V. Milan	
Academic rank		Full Professor, PhD	
Particular scientific field		Thermal Power Engineering	
Academic career			
	Date	Institution	Field
Promotion	24.12.2004.	Univesity of Belgrade- Faculty of Mechanical	Thermal Power
Ph.D. degree	16.06.1995.	Univesity of Hanover, Germany	Thermal Power
M.Sc. Degree	15.10.1989.	University of Belgrade - Faculty of Mechanical	Thermal Power
The list of doctoral theses that are being mentored or have been mentored for the last 10 years			
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Ph.D. candidate
1	2012	New method for thermoeconomic optimization of combined cycle power plants	Muammer A. Salem Alus
Relevant papers published in scientific SCI journals (at least 5, no more than 20)			
1	Petrovic, M. and Riess, W.: Off-Design Flow Analysis of Low Pressure Steam Turbines. Proceedings of the Institution of Mechanical Engineers, Part A, Journal of Power and Energy, Vol. 211,1997, 215-224., ISSN 0957-6509 doi:10.1243/0957650971537123		
2	Petrovic, M. V., Dulikravich, G. S. and Martin, T. J.: Maximizing Multistage Turbine Efficiency by Optimizing Hub and Shroud Shapes and Inlet and Exit Conditions of Each Blade Row, International Journal of Turbo & Jet-Engines, vol. 17, 2000., p. 267-278, ISSN 0334-0082		
3	Petrovic, M. V., Dulikravich, G. S. and Martin, T. J.: Optimization of Multistage Turbines Using a Throughflow Code, Proceedings of the Institution of Mechanical Engineers, Part A, Journal of Power and Energy, Vol. 215, 2001, p. 559-569, ISSN 0957-6509, doi: 10.1243/0957650011538802		
4	Petrovic, M. V., Wiedermann, A. Banjac, M. B.Development and validation of a new universal through flow method for axial compressors, Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy vol. 224, No 6 / 2010, pp 869-880, DOI 10.1243/09576509JPE991		
5	Petrovic, M.V., Banjac, M.B. Wiedermann, A.Entwicklung eines neuen Meridionalverfahrens für mehrstufige kompakte Axialverdichter und Validierung durch Experimente und CFD-Berechnungen, Forschung Im Ingenieurwesen, Springer-Verlag,DOI 10.1007/s10010-011-0136-5		
6	Alus, M.,Petrovic, M.V.: Optimization of the Triple-Pressure Combined Cycle Power Plant, Thermal Science:2012, Vol. 16, No. 3, pp. 901-914, DOI: 10.2298/TSCI120517137A		
7	Petrovic, M., Gehring, S., Riess, W.: 2D-Verfahren zur Auslegung, Optimierung und Kennfeldberechnung von Gas- und Dampfturbinen, VGB PowerTech 1-2001, Jan. 2001, p. 52-57, ISSN 1435-3199		
8	Petrovic, M.: Berechnung der Meridionalströmung in mehrstufigen Axialturbinen bei Nenn- und Teillastbetrieb, VDI-Verlag GmbH, Düsseldorf, 1995, 124 Seiten, ISBN 3-18-328007-8		
9	Petrovic, M., Riess, W.: Off-Design Flow Analysis and Performance Prediction of Axial Turbines, ASME Paper 97-GT-55, ASME Turbo Expo '97, The International Gas Turbine and Aeroengine Congress, June, 2-5, 1997, Orlando, Florida, U.S.A		
10	Petrovic, M., Riess, W.: Through-Flow Calculation in Axial Flow Turbines at Part and Low Load, a chapter in the book: "Turbomachinery - Fluid Dynamic and Thermodynamic Aspects", VDI Berichte 1185, S. 309-326, VDI Verlag 1995, ISBN 3-18-091185-9		
Summary of teacher's scientific activities			
The total number of citations	30	The number of national projects in which the teacher is currently engaged	5
papers published in the SCI (SSCI) journals	6	The number of international projects in which the teacher is currently engaged	2
Advanced professional training			
Universiy of Hanover, Germany,(1988-1995), Pennsylvania State University, USA, 1998.			
Other information considered relevant			

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Petrovic I Zlatko		
Academic rank		Full professor		
Particular scientific field		Aeronautics		
Academic career				
		Date	Institution	Field
Promotion		15.5.1997.	University of Belgrade, Faculty of Mechanical Engineering	Aeronautics
Ph.D. degree		22.12.1986.	University of Belgrade, Faculty of Mechanical Engineering	Aeronautics
M.Sc. Degree		12.11.1975.	University of Belgrade, Faculty of Mechanical Engineering	Aeronautics

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	11.02.2004	30.12.2004	The use of winglets in drag reduction	Ali Khelifa Sul
2	21.11.2002	29.09.2006	Numerical simulation of life time assessment of aeronautical parts under general load spectrum	Слободанка Бољановић
3	05.09.2003	25.06.2007	Assesment in UAV conceptual design	Андрија Екмеджић
4	25.08.2003	29.10.2008	Numerical solution of optimal unsteady compressible flow design	Ивана Ивановић
5	24.06.2005	19.01.2009	Assessment of axial compressor blade lifetime based on design and aerodynamic escilatory excitations.	Емил Бањац

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Ilic I., Petrovic Z., ... "Computational Method in Failure Analysis of Mechanically Fastened Joints at Layered Composites", Strojarski Vesnik - Journal of Mechanical Engineering Vol 58, br 9, str 553-559
2	Simonovic A, Kostic I, Stupar S., Petrovic Z., "Laboratory Tests of Hybrid Metal-Composite Transport Helicopter Blade Segment", Experimental Techniques, 2012, vol 36, str 22-32
3	Petrovic Z, Stupar S., Kostic I., Simonovic A., "Determination of a Light Helicopter Flight Performance at the Preliminary Design Stage", Strojarski Vestnik - Journal of Mechanical Engineering, 2010, vol 56, br 9, str 535-543
4	Zivanovic M, Petrovic Z., Zivanovic M.M., "Possible kinematic law of living being motion", Robotics and Autonomous Systems, 2011, vol 59, br 11., str 977-987
5	Ivanovic I., Petrovic Z., Stupar S., "Helicopter Rotor Blade Shape Optimization Using NURBS for Airfoil Shape Paramterization", AIP Conference proceedings, vol 1168, str 131-134, Numerical Analysis and applied mathematics.

Summary of teacher's scientific activities

The total number of citatio		The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	5	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant			
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Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name			Prokić Cvetković, M. Radica	
Academic rank			full profesor	
Particular scientific field			Engineering Materials and Welding	
Academic career				
		Date	Institution	Field
Promotion		16.03.2011.	Facilty Mechanical Engineering, Universitay of	Engineering Materials
Ph.D. degree		09.05.2000.	Facilty Mechanical Engineering, Universitay of	Engineering Materials
M.Sc. Degree		14.09.1998.	Facilty of Technology and Metalurgy	Metallurgy
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2005	2006	Influence of filler material and heat input on microstructure and properties of high-carbon steel surface welded layer	Olivera Popović
2	2006	2007	Research of variable load and temperature conditions on welded joints of high alloy steel	Dženana Gačo
3	2008	2011	Research of the influence of welding parameters on the structure and weld properties of the AlMg4,5Mn alloy	Sandra Kastelec Macura
4	2010	2011	Analysis of the deformation behavior of two-phase alloy Ti3Al-Nb at elevated temperatures	Srđan Tadić
5	2008	2012	Stady the influence of filler materials in ferritic-austenitic welded joints in order to optimize the constructions	Aleksandar Bukvić
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	R. Prokić Cvetković, S. Kastelec Macura, A. Milosavljević, O. Popović, M. Burzić, The effect of Shielding Gas Composition on The Toughness and Crack Growth Parameters of AlMg4,5Mn Weld Metals, J.Min.Metall.Sect.B-Metall.46 (2) B(2010) 193-202. ISSN: 1450-5339 Impact factor: 1.294 (2010), 12/74			
2	O.Popović, R.Prokić-Cvetković, A.Sedmak, G.Buyukyildirim, A.Bukvić, The influence of buffer layer on the properties of surface welded joint of high-carbon steel, Materials and technology 45(5)(2011) 33-38 ISSN: 1580-2949 Impact factor: 0.312 (2010), 197/212			
3	A. Bukvić, Z. Burzić, R. Prokić-Cvetković, O. Popović, M. Burzić, R. Jovičić, Welding Tehnology Selection Effect on Fracture-Toughness Parameters of Bi-material Welded Joints, Tehnički vjesnik-Tehcnical gazette, Vol.19, No 1 (2012) 167-174. ISSN: 1330-3651 Impact factor: 0.083 (2010), 80/87			
4	O. Popović, R. Prokić-Cvetković, A.Sedmak, V. Grabulov, Z.Burzić, M. Rakin, Characterisation of High-Carbon Steel Surface Welded Layer, Journal of Mechanical Engineering, Vol.56, No 5 (2010) 295-300. ISSN: 0039-2480 Impact factor: 0.533 (2009), 96/105			
5	Burzić, M., Prokić-Cvetković, R., Grujić, B., Atanasovska, I, Adamović, Ž., Safe Operation of Welded Structure with Cracks at Elevated Temperature, Strojniški Vestnik - Journal of Mechanical Engineering, 2008, Vol. 54, No. 11, pp. 807-816. ISSN: 0039-2480 Impact factor: 0.235 (2008), 96/105			
6	T. Šibalića, S. Petronić, V. Majstorović, R. Prokić Cvetković, A. Milosavljević, Multi-response design of Nd:YAG laser drilling of Ni-based superalloy sheets using Taguchi's quality loss function, multivariate statistical methods and artificial intelligence, International Journal of Advanced Manufacturing Technology. DOI 10.1007/s00170-010-2945-3 ISSN (Print) 1433-3015 - ISSN (Online) 0268-3768 Impact factor: 1.128 (2009)			

7	R. Prokić-Cvetković, A. Milosavljević, A. Sedmak, O. Popović, The Influence of Oxygen Equivalent in a Gas-mixture on the Structure and Toughness of Microalloyed Steel Weldments, Journal of the Serbian Chemical Society, Vol.71, No 3 (2006) 313-321. ISSN: 0352-5139 Impact factor: 0.423 (2006), 101/124
8	Srdjan Tadić, Radica Prokić-Cvetković, Igor Balać, Radmila Heinemann-Jančić, Katarina Bojić, Aleksandar Sedmak, Deformation Mechanisms in Ti3Al-Nb Alloy at Elevated Temperatures, Materials and Technology, Vol.44, No 6 (2010) 357-361. ISSN: 1580-2949 Impact factor: 0,312 (2010), 206/212
9	A. Milosavljević, M. Rogulić, R. Prokić-Cvetković, S. Zec, Isledovanie vlijanija režimov deformacii na teksturu upročnjaemih splavov aluminija, Fizika metallov i metallovedenie, Vol.75, No4 (1993) 185-188. ISSN: 0015-3230 Impact factor: 0.168 (1993)
10	A. Milosavljević, V. Šijački-Žeravčić, M. Rogulić, V. Milenković, R. Prokić-Cvetković, Vlijanie temperaturi vtoričnogo starenija na upročnenie i ostatočnie uprugie naprjaženija splavov AlMgSi i AlMgSiCu, Fizika metallov i metallovedenie, Vol.75, No4 (1993) 96-100. ISSN: 0015-3230 Impact factor: 0.168 (1993)

Summary of teacher's scientific activities

The total number of citations	6	The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	11	The number of international projects in which the teacher is currently engaged	

Advanced professional training

Other information considered relevant

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Rašuo P. Boško		
Academic rank		Full Professor		
Particular scientific field		Aeronautics		
Academic career				
		Date	Institution	Field
Promotion		15.04.2000	Faculty of Mechanical Engineering	Aeronautics
Ph.D. degree		28.06.1988	Faculty of Mechanical Engineering	Aeronautics
M.Sc. Degree		26.06.1980	Faculty of Mechanical Engineering	Aeronautics

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2000	2002	New Approach in the Solution of Aircraft Flight Dynamics Problem from the Flying Qualities Point of View	Milan Bajović
2	2003	2006	Research of the New Methods for Time between Overhaul and Service Life Extension of Combat Aircraft and Jet Engines	Mato Siladić
3	2007	2010	Optimization of the Overhaul of Aircraft	Gradimir Đuknić
4	2010	2012	Investigation of Fatigue Life in Superalloys Structural Components	Aleksandar Grbović
5	2010	2012	Analysis of the External Stores and Asymmetric Loads Influence on the Airplane Flight Dynamics	Predrag Stojaković
6	2010	2012	Aircraft Metal Wing Structural Parts Fatigue Life Analasys	Danilo Petrašinović
7	2009		Modeling of impact damage in laminate aircraft structures	Dragan Kreculj
8	2012		Research into impact of working irregularities of flying piston propeller propulsion group equipped plane with respect to vibration level of the pilot seat	Zoran Ilić

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Rašuo, B., Two-dimensional Transonic Wind Tunnel Wall Interference, Monographical Booklets in Applied & Computer Mathematics, MB-28/PAMM, Technical University of Budapest, Budapest, ISSN 1417-278X, 2003, (128 strana). M12
2	Rašuo, B., On Solving Boundary Value Problems in Fluid Mechanics by Fourier's Method: Wall Interference of Transonic Wind Tunnels, In: Analysis and Simulation of Multifield Problems (M. Efendiev, W. L. Wendland Eds.), Springer Lecture Notes in Applied Mechanics vol. 12. Springer Verlag, ISBN 3-540-00696-6, Berlin, 2003, (strane: 317-322). M13
3	Rašuo, B., Calculation of fluid-solid interaction at transonic wind tunnel testing, In: Trends in Applications of Mathematics to Mechanics (Yongqi Wang, Kolumban Hutter Eds.), Shaker Verlag, ISBN 3-8322-3600-7, Aachen, 2005, (strane: 409-418). M13
4	Rašuo, B., On Boundary Layer Control in Two-Dimensional Transonic Wind Tunnel Testing, In: IUTAM Symposium on One Hundred Years of Boundary Layer Research (Meier, G.E.A; Sreenivasan, K.R.; Heinemann, Hans-Joachim, Eds.), Series: Solid Mechanics and Its Applications, Vol. 129, Springer Verlag, ISBN 1-4020-4149-7, Berlin, 2006, (strane: 473-482). M13
5	Rašuo, B., Two-Dimensional Wall Interference in Transonic Wind Tunnels, ZAMM, Vol. 77, Akademie Verlag GmbH, Berlin, ISSN 0946-8463, Germany, 1997, (strane: 275-276), na SCI listi; IF 0.107, - M23
6	Živaljević, M., Rašuo, B., Application of Fuzzy Logic in Solving Problems from the Area of Reliability and Maintenance of Aircraft Systems, Lecture Notes in Computer Science 1226, Springer Verlag, ISSN: 0302-9743, Berlin, 1997, na SCI listi; IF 0.872, - M21
7	Rašuo, B., On Sidewall Boundary Layer Effects in Two-Dimensional Subsonic and Transonic Wind Tunnels, ZAMM, Vol. 81, WILEY-VCH Verlag, ISSN 0946-8463, Berlin, Germany, 2001, (strane: 935-936), na SCI listi; IF 0.407, - M23
8	Rašuo, B., An Experimental Methodology for Evaluating Survivability of an Aeronautical Constructions from Composite Materials: An Overview, International Journal of Crashworthiness, Volume 12, Issue 1, Woodhead Publishing Limited, ISSN: 1358-8265 (paper), 1754-2111 (electronic), Abington Hall, Abington, Cambridge, (Taylor & Francis, London). England, 2007. (strane: 9-15). na SCI listi; IF 0.412, - M23

9	Rašuo, B., Some analytical and numerical solutions for the safe turn maneuvers of agricultural aircraft – an overview, The Aeronautical Journal, Volume 111, Number 1123, Paper No. 3147, The Royal Aeronautical Society, ISSN: 0001-9240, London, 2007, (strane: 593-599), na SCI listi; IF 0.414, - M23
10	Siladić, M., Rašuo, B., On-Condition Maintenance for Nonmodular Jet Engines: An Experience, The ASME Journal of Journal of Engineering for Gas Turbines and Power, 131, Issue 3, 032502, ISSN: 0742-4795, New York, NY, May (2009) (7 pages), na SCI listi; IF 0.735 - M22
11	Rašuo, B., Experimental Study of the Structural Damping of Composite Helicopter Blades with Different Cores, Plastics Rubber & Composites, Volume 39, Number 1, February 2010, Maney Publishing, Institute of Materials, Minerals and Mining, London, ISSN: 1465-8011, (strane: 1-5), na SCI listi; IF 0.443, - M23
12	Bajović, M., Živanović, M., Rašuo, B., Stojaković, P., A New General Approach to Airplane Rotation, Transactions of the Japan Society for Aeronautical & Space Sciences, The Japan Society for Aeronautical and Space Sciences, Komiyama Printing Co., Ltd, Vol.53, No.180, August 2010. (strane: 130-137), ISSN: 0549-3811, na SCI listi; IF 0.397, - M23
13	Rašuo, B., Experimental Techniques for Evaluation of Fatigue Characteristics of Laminated Constructions from Composite Materials: Full-Scale Testing of the Helicopter Rotor Blades, Journal of Testing and Evaluation (JTE), Volume 39, Issue 2 (March 2011), ISSN: 0090-3973, (strane: 237-242), Paper ID: JTE102768, ASTM International, West Conshohocken, PA, USA, DOI: 10.1520/JTE102768, na SCI listi; IF 0.366, - M23
14	Rašuo, B., The influence of Reynolds and Mach numbers on two-dimensional wind-tunnel testing: An experience, The Aeronautical Journal, Volume 115, Number 1166, Paper No. 3542, The Royal Aeronautical Society, ISSN: 0001-9240, London, April 2011, (strane: 249-254), na SCI listi; IF 0.414, - M23
15	Dinulović, M., Rašuo, B., Dielectric modeling of multiphase composites, Composite Structures, Volume 93, Issue 11 (October 2011), (strane: 3209-3215), Elsevier Ltd, DOI: 10.1016/j.compstruct.2011.05.036, na SCI listi; IF 2.028, - M21
16	Rašuo, B., Helicopter Tail Rotor Blade from Composite Materials: An Experience, SAE International Journal of Aerospace November 2011 vol. 4 no. 2 (strane: 828-838), SAE International, Warrendale, USA, Print ISSN: 1946-3855, Online ISSN: 1946-3901, doi: 10.4271/2011-01-2545, M24
17	Rašuo, B., Gehm, R., Composites give copters a lift: Design, fabrication, and analysis of a tail rotor blade made of composite laminated materials for a heavy transport helicopter, Aerospace Engineering 2012-02-15, SAE International, Warrendale, PA, USA, February 15, 2012, pp. 16-19, M24
18	Rašuo, B., Scaling between Wind Tunnels—Results Accuracy in Two-Dimensional Testing, Transactions of the Japan Society for Aeronautical & Space Sciences, The Japan Society for Aeronautical and Space Sciences, Komiyama Printing Co., Ltd, Vol.55, No.2, March 2012., (strane: 109-115), ISSN: 0549-3811, na SCI listi; IF 0.397, - M23
19	Petrašinović, D., Rašuo, B., Petrašinović, N., Extended finite element method (XFEM) applied to aircraft duralumin spar fatigue life estimation, Technical Gazette, Vol.19 No.3, September 2012, ISSN: 1330-3651, IF 0.347, - M23
20	Grbović, A., Rašuo, B., FEM based fatigue crack growth predictions for spar of light aircraft under variable amplitude loading, Engineering Failure Analysis, Volume 26, December 2012, Elsevier Ltd., ISSN: 1350-6307, na SCI listi; IF 1.086, - M21

Summary of teacher's scientific activities

The total number of	100	The number of national projects in which the teacher	1
The total number of	14	The number of international projects in which the	

Advanced professional training

Goettingen 2000, 2004, 2006 - Boeing (Renton 2001, Everett, 2001, 2008) - Stuttgart 1998, 2002, 2007 - Munich 2007,

Other information considered relevant

REVIEWING ACTIVITIES: in SCI journals:

1. ZAMM, od 1998, WILEY--VCH Verlag GmbH & Co. KGaA, ISSN 0946-8463, Berlin, Germany, IF 0.831 – M22
2. Archive of Applied Mechanics, od 2005, Springer, ISSN 0939-1533, Berlin Heidelberg, Germany, IF 0.915 – M23
3. International Journal of Crashworthiness, od 2009, Taylor & Francis, ISSN: 1358-8265 (paper), 1754-2111 (electronic), London, England, na SCI listi; IF 0.667 – M23
4. Aeronautical Journal, od 2011, The Royal Aeronautical Society, ISSN: 0001-9240, London, IF 0.496 – M23
5. Experimental Techniques, od 2011, Society for Experimental Mechanics, Wiley-VCH Verlag GmbH & Co. KG aA, Weinheim, Germany, ISSN: 0732-8818, IF 0.505 – M23
6. IET Renewable Power Generation, od 2011, Institution of Engineering and Technology, Stevenage, Hertfordshire, SG1 2SD, UK, ISSN: Print: 1752-1416, Online: 1752-1424, IF 2.535 – M21
7. Thermal Science, Ministry of Education and Science of the Republic of Serbia, Vinča Institute of Nuclear Sciences, ISSN 0354-9836, od 2010, IF 0.706 – M23

EDITING OF SCIENTIFIC JOURNAL:

- Associate Editor - FME Transactions, Faculty of Mechanical Engineering, University of Belgrade, ISSN 1451-2092, Belgrade, 2005-2007; M52,
- Editor - FME Transactions, Faculty of Mechanical Engineering, University of Belgrade, ISSN 1451-2092, Belgrade, 2008-2012; M24,
- Editorial Board, International Journal of Composite Materials, Scientific & Academic Publishing Co., Rosemead, CA, 91731, USA, p-ISSN: 2166-479X, e-ISSN: 2166-4919, 2012; M24
- Associate Editor - Tehnika, Savez Inženjera i tehničara Srbije i Crne Gore, YU ISSN 0040-2176, Belgrade, 2003-2005; M52,
- Editorial Board - Tehnika, Savez Inženjera i tehničara Srbije i Crne Gore, YU ISSN 0040-2176, Belgrade, 2003-2012; M52

MEMBERSHIP IN SCIENTIFIC SOCIETIES:

- Member, GAMM – Gesellschaft für Angewandte Mathematik und Mechanik,
- Member, AIAA – American Institute of Aeronautics and Astronautics,
- Member, SAE – Society of Automotive Engineers International,
- Member, JSASS – the Japan Society for Aeronautical and Space Science,
- Member, RAeS – The Royal Aeronautical Society,
- Member, IOM3 – The Institute of Materials, Minerals and Mining,
- Member, ICAS – International Council of the Aeronautical Sciences, Council members - Representatives of Member Societies.
- Member, IAF – International Astronautical Federation,
- Member, YSM – (JMD), Yugoslav Society of Mechanics,
- Member, YAS – (JVD), Yugoslav Aerospace Society, President of national Society.

CHAIRMAN AT THE INTERNATIONAL CONGRESSES (CONFERENCES):

1. Session: S 10.4 Grenzschichten (B) - Boundary layer flow, Tuesday, April 7, Room N 12, 69. Jahrestagung der Gesellschaft für Angewandte Mathematik und Mechanik e.V. (GAMM), University of Bremen, Bremen, Germany, 6-9 April 1998,
2. Session: Sect. B - Applied Mathematics, 8th May, International Conference on Applied Mathematics - The PAMM's MRD - TUBp PC-121, Balatonalmádi, Hungary, 7th-10th May, 1998,
3. Session: ICAS 2008-3.2 Measurement Techniques, 15. September, 26th ICAS CONGRESS, 14 - 19 September, 2008, Anchorage, Alaska, USA,
4. Session: ICAS 2010-8.9 Materials & Composites II, 27th ICAS CONGRESS, 19 - 24 September, 2010, Nice, France,
5. Session 10: Computational Modelling & FEA, Celebrating 20 Years of DFC, A Joint Sheffield-Cambridge Conference, Deformation and Fracture of Composites (DFC-11) & Structural Integrity and Multi-scale Modelling (SI-5), 12-15 April 2011, The Queens' College, The University of Cambridge, Cambridge, UK,
6. Session 3.2: Design and application of composite structure, ICCS16 - 16th International Conference on Composite Structures, June 28-30, 2011, The Faculty of Engineering of the University of Porto (FEUP), Porto, Portugal.

BOOKS/BOOK CHAPTERS:

1. Rasuo, B., Aircraft Production Technology, University of Belgrade, Belgrade, 1995. (in Serbian).
2. Rasuo, B., Two-dimensional Transonic Wind Tunnel Wall Interference, Monographical Booklets in Applied & Computer Mathematics, MB-28/PAMM, Technical University of Budapest, Budapest, 2003.
3. Rasuo, B., Aeronautical Safeguarding, Military Academy, Belgrade, 2004 (in Serbian).
4. Rašuo, B., Mechanics of Flight - Theory, Problems and Solutions, University of Belgrade, Belgrade, 2004. CD., (in Serbian).
5. Rašuo, B., Bionics in Design, University of Belgrade, Belgrade, 2010. CD., (in Serbian).
6. Rašuo, B., Mechanics of Flight, University of Belgrade, Belgrade, 2011. CD., (in Serbian).
7. Rasuo, B., On Solving Boundary Value Problems in Fluid Mechanics by Fourier's Method: Wall Interference of Transonic Wind Tunnels, In: Analysis and Simulation of Multifield Problems (M. Efendiev, W. L. Wendland Eds.). Springer Lecture Notes in Applied Mechanics vol. 12. Springer Verlag, Berlin, August 2003.
8. Rasuo, B., Calculation of fluid-solid interaction at transonic wind tunnel testing, In: Trends in Applications of Mathematics to Mechanics (Yongqi Wang, Kolumban Hutter Eds.), Shaker Verlag, Aachen, 2005.
9. Rasuo, B., On Boundary Layer Control in Two-Dimensional Transonic Wind Tunnel Testing, In: IUTAM Symposium on One Hundred Years of Boundary Layer Research (Meier, G.E.A.; Sreenivasan, K.R.; Heinemann, Hans-Joachim, Eds.), Series: Solid Mechanics and Its Applications, Vol. 129, Springer Verlag, Berlin, 2006.
10. Rašuo, B., Scaling between Wind Tunnels: Problem of Two-Dimensional Testing, Sixth International Aerospace Congress IAC'09, Dedicated to the 75th Birth Anniversary of the First Astronaut Yuri GAGARIN, (M. Liberzon, Editor-in-Chief), 2010, Moscow, Russia, ISBN 978-5-98625-093-9.

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name					Ristivojević R. Mileta				
Academic rank					Full time preofessor				
Particular scientific field					Machine Design (OMK)				
Academic career									
		Date	Institution			Field			
Promotion		2003.	University of Belgrade Faculty of Mechanical			Machine Design			
Ph.D. degree		1991.	University of Belgrade Faculty of Mechanical			Machine Design			
M.Sc. Degree		1980.	University of Belgrade Faculty of Mechanical			Machine Design			
The list of doctoral theses that are being mentored or have been mentored for the last 10 years									
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title				Ph.D. candidate		
1	2005.	2012.	Investigation of the load and service conditions influence on the cardan coupling operational capacity				Zoran Stamenić		
Relevant papers published in scientific SCI journals (at least 5, no more than 20)									
1	Ristivojević M., Mitrović R., Lazović T.: „Investigation of causes of fan shaft failure“, Engineering Failure Analysis, Elsevier - Pergamon, ISSN 1350-6307, pp 1188-1194, Vol. 17, No. 5, doi:10.1016, SCI-M22, Oxford, United Kingdom, 2010.								
2	Lazović T., Mitrović R., Ristivojević M.: „Influence of internal radial clearance on the ball bearing service life“, Journal of the Balkan Tribological Association, Scientific Bulgarian Communications, ISSN: 1310-4772, pp 1-8, Vol. 16, No. 1, SCI-M23, Sofia, Bulgaria, 2010.								
3	S.Zvonko, M.ristivojević, B.Rosić, D.Radovanović, Ž.Adamović: The Influence of Gear parameter on the Surface Durability of Gear Flanks, Journal Strojarstvo, No5., Vol. 33, 2011., pp. 281-290								
4	B.Rosic, M.Ristivojevic, D.Radovic, D.Markovic, Ž.Vasić: Analysis and Multiobjective Design Optimization of Planetary Gear Train, TTEM Journal in VOL.7, No3, 8/9., 2012.								
5	M.Ristivojević, V.Milošević-Mitić, Z.Burzić, M.Šojić-Radić: Analzysis of the Stress State of Multilayer pressed Joints, Engineering Failure Analysis 18 (2011) 1447-1489								
6	M.Ristivojević, T.Lazović, A.Venci: Studing the Load Carrying Capacity of Spur Gears Tooth Flanks, Machanism and Machine Theory, 2013, pp.125-137								
7	M.Ristivojević, D.Radović, D.Marković, Z.Stamenić, Đ.Jovanović: Research of Correlation Between Reliability ond Safety Factor, Technics Technologies Education Management/TTEM, Vol8, No4, issn: 1840-1503, SCle: M23, IF: 0,351, 2013								
8	M.Ognjanovic, A.Simonovic, M.Ristivojevic, T.Lazovic: Research of rail traction shafts and axles fractures towards impact of service conditions and fatigue damage accumulation, Engineering failure analysis, 17 (2010) pp.1560-1571								
Summary of teacher's scientific activities									
The total number of		5	The number of national projects in which the teacher			2			
The total number of		8	The number of international projects in which the						
Advanced professional training									
Other information considered relevant									
October reword - Chember Commerce of Belgrade, for Magisterium									
Bronse medal of Nikola Tesla, Association of Inventors Belgrade, 2007.									
Silver medal of Nikola Tesla, Association of Inventors Belgrade, 2008.									

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Aleksandar S. Sedmak		
Academic rank		Full Professor		
Particular scientific field		Mechanics		
Academic career				
		Date	Institution	Field
Promotion		01.07.2001.	Faculty of Mechanical Engineering, Belgrade	materials technology
Ph.D. degree		01.11.1988.	Faculty of Mathematics, Belgrade	mechanics
M.Sc. Degree		10.10.1978	Faculty of Mechanical Engineering, Belgrade	hydropower
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1		22.12.2004.	Integrity assessment as a design procedure of welded thin-walled structures	Emhamed Omar Argoub
2		26.4.2004.	Experimental determination of fracture mechanics dynamic parameters using magnetic emission	Zoran Radaković
3		20.3.2004.	An analysis of mismatching effect on integrity of ferrite-austenite welded joints	Hyacinth Azuka Anyiam
4		8.12.2006.	The simulation of crack propagation in welded joints	Miloš Dobrojević
5	14.5.2002.	2008	An estimation of the integrity of welded components in process equipment for increased operating temperatures using fracture mechanics parametres	Ljubica Milović
6	27.5.2005.	2009	Optimization model for maintenance of industrial plants from the point of application of new materials	Dejan Ninković (co-mentor)
7	11.4.2006.	2008	Significance of analysis of cracks in studying integrity and life of the pressure vessel steels	Mersida Manjgo
8	8.12.2006.	2011	Analysis of the impact of engineering education in the development of innovative activity in the metal industry	Tatjana Tanasković
9	4.5.2007.	2009	Automation stereometric measurement in determining the stress field at the crack tip and structural integrity assessment	Jasmina Lozanović (co-mentor)
10		2011	The influence of tools geometry for friction stir welding on the properties of welded alloy Al 2024	Aleksandar Živković
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Darko M. VELJIĆ, Milenko M. PEROVIĆ, Aleksandar S. SEDMAK, Marko P. RAKIN, Miroslav V. TRIFUNOVIĆ, Nikola S. BAJIĆ and Darko M. BAJIĆ, A COUPLED THERMO-MECHANICAL MODEL OF FRICTION STIR WELDING, THERMAL SCIENCE 2012 Vol. 16, No. 2 pp.527-534 (ISBN 0354-9836)			
2	B. Younise, A. Sedmak , M. Rakin, N. Gubeljak, B. Medjo, M. Burzić, M. Zrilić, Micromechanical analysis of mechanical heterogeneity effect on the ductile tearing of weldments, MATERIALS AND DESIGN, 2012 37 (1):193-201 (ISBN 0261-3069)			
3	Popovic, Olivera; Prokic-Cvetkovic, Radica; Sedmak, Aleksandar ; Buyukyildirim, Galip; Bukvic, Aleksandar, The Influence of Buffer Layer on the Properties of Surface Welded Joint of High-Carbon Steel, MATERIALI IN TEHNOLOGIJE 2011 45 (6):579-584 (ISSN 1580-2949)			
4	B. Međo, M. Rakin, N. Gubeljak, J. Predan, M. Arsić, A. Sedmak , Influence of crack length on ductile fracture initiation in welded joints with one and two weld metals, KEY ENGINEERING MATERIALS, Vol 465, 2011: 578-581 (ISBN 1013-9826)			
5	I. Ivanović, A. Sedmak , M. Miloš, A. Živković, M. Lazić, Numerical study of transient three-dimensional heat conduction problem with a moving heat source, THERMAL SCIENCE, Vol 15/1, 2011: 257-266 (ISBN 0354-9836)			
6	R. Tomić, A. Sedmak, D. Čatić, M. Miloš, Z. Stefanović, Thermal stress analysis of a fiber-epoxy composite material, THERMAL SCIENCE, Vol 15/2, 2011: 559-563 (ISBN 0354-9836)			
7	M. Arsić, S. Bošnjak, N. Zrnić, A. Sedmak , N. Gnjatović, Bucket wheel failure caused by residual stresses in welded joints, ENGINEERING FAILURE ANALYSIS, Vol 18/2, 2011: 700-712 (ISBN 1350-6307)			

8	S Tadić, R. Jančić-Heinemann, K. Čolić, A. Sedmak , High-temperature deformation behaviour of Ti3Al-11Nb intermetallic, INTERNATIONAL JOURNAL OF MATERIALS RESEARCH Vol 102/4, 2011: 452-456 (ISBN 1862-5282)
9	Tadic, S., Prokic-Cvetkovic, R., Balac, I., Heinemann-Jancic, R., Bojic, K., Sedmak, A., Deformation Mechanisms in Ti3Al-nb Alloy at Elevated Temperatures MATERIALI IN TEHNOLOGIJE Vol. 44 No.6, pp. 357-361 2010 (ISSN 1580-2949)
10	Manjgo, M., Medjo, B., Milovic, Lj., Rakin, M., Burzic, Z., Sedmak, A. , "Analysis of welded tensile plates with a surface notch in the weld metal and heat affected zone" ENGINEERING FRACTURE MECHANICS Vol. 77 No.15, pp. 2958-2970 2010 (ISSN 0013-7944)
11	Prokić-Cvetković, R., Milosavljević, A., Sedmak, A., Popović, O., The influence of the oxygen equivalent in a gas-mixture on the structure and toughness of microalloyed steel weldments (2006) Journal of the Serbian Chemical Society, 71 (3), pp. 313-321. IF0,389
12	Grabulov, V., Odanović, Z., Sedmak, A., Čirić, R., Antić, M., Weldability testing of microalloyed steel and integrity assessment of welded joint (2005) Welding in the World, 49 (9), pp. 464-477.
13	Vojvodic Tuma, J., Sedmak, A, Analysis of the unstable fracture behaviour of a high strength low alloy steel weldment .(2004) Engineering Fracture Mechanics, 71 (9-10), pp. 1435-1451. 1,319
14	Rakin, M., Cvijovic, Z., Grabulov, V., Putic, S., Sedmak, A.Prediction of ductile fracture initiation using micromechanical analysis (2004) Engineering Fracture Mechanics, 71 (4-6), pp. 813-827. 1,319
15	Rakin, M., Cvijović, Z., Grabulov, V., Gubelj, N., Sedmak, AThe influence of microstructure on ductile fracture initiation in low-alloyed steel .(2004) Materials Science 454, pp. 175-180. 0,399
16	Rakin, M., Sedmak, A., Svijovic, Z., Zrilic, M., Sedmak, SMicromechanical coupled study of crack growth initiation criterion in Pressure vessel steel .(2004) Problemy Prochnosti, (1), pp. 48-53.
17	Sedmak, S., Sedmak, A., Grabulov, V, Strength, toughness and structural integrity of storage tanks in urban environment .(2003) Welding Research Abroad, 49 (8-9), pp. 25-38.
18	Shaji, E.M., Kalidindi, S.R., Doherty, R.D., Sedmak, A.S, Fracture properties of multiphase alloy MP35N .(2003) Materials Science and Engineering A, 349 (1-2), pp. 313-317. IF 1.347
19	Shaji, E.M., Kalidindi, S.R., Doherty, R.D., Sedmak, A.S, Plane strain fracture toughness of MP35N in aged and unaged conditions measured using modified CT specimens .(2003) Materials Science and Engineering A, 340 (1-2), pp. 163-169. IF 1.347
20	Rakin, M., Cvijovic, Z., Sedmak, A., Sedmak, S, Analysis of the transferability of micromechanical parameters of damage of steel under the conditions of ductile-fracture initiation .(2002) Materials Science, 38 (1), pp. 104-113. IF 0.901

Summary of teacher's scientific activities

The total number of citations	91	The number of national projects in which the teacher is currently engaged	2
papers published in the SCI (SSCI) journals	58	The number of international projects in which the teacher is currently engaged	6

Advanced professional training

Other information considered relevant

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Stanojević M. Miroslav		
Academic rank	full professor		
Particular scientific field	Process engineering		
Academic career			
	Date	Institution	Field
Promotion	10.04.2008.	Facultu of Mechanical Engineering Belgrade	Process engineering
Ph.D. degree	09.02.1995.	Facultu of Mechanical Engineering Belgrade	Process engineering
M.Sc. Degree	10.07.1975.	Facultu of Mechanical Engineering Belgrade	Process engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1		10.03.2006.	Influence of process parameters on efficiency of high temperature regeneration of granular activated carbon	Radić Dejan
2		13.02.2007.	The influence of aeration system solutions on the efficiency of biological treatment refinery waste water processes	Simić Stojan
3	30.10.2012.		Optimisation of the use of waste heat from the paper machine production facility in cardboard factory	Tanasić Nikola

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Stanojević, M., Jovović, A., Radić, D., Pavlovic, M.: Oxygen Transfer Efficiency of the Aeration Process in Refinery Waste Water Treatment, Revista de Chimie (Bucuresti), Romania, ISSN 0034-7752, 59, No. 2, (2008), pp. 220-224.
2	Stevanović, V., Stanojević, M., Radić, D., Jovanović, M.: Three-fluid model predictions of pressure changes in condensing vertical tubes, International Journal of Heat and Mass Transfer, Pergamon, United Kingdom, Elsevier, Netherlands, ISSN 0017-9310, 51 (2008), Issues 15-16, pp. 3736-3744.
3	Pavlovic, M.; Stanojević, Ševaljević, M.; Simić, S.: Influence of the waste oil concentration in water on the efficiency of the aeration process in refinery waste water treatment, Strojniški vestnik - Journal of Mechanical Engineering, Faculty of Mechanical Engineering University of Ljubljana, Ljubljana, Slovenia, ISSN 0039-2480, 54 (2008), 10, October, 2008, pp. 675-684.
4	Stanojević, M., Radić, D., Jovović, A.: The influence of variable operating conditions on the design and exploitation pneumatic transport systems in thermal power plants, Brazilian Journal of Chemical Engineering, Brazilian Society of Chemical Engineering, Sao Paulo, Brasil, ISSN 0104-6632, Vol. 25, No. 04, October – December, 2008, pp 789-797.
5	Ševaljević, M.; Stanojević, M.; Pavlovic, M.; Simić, S.: Thermodynamic study of the aeration kinetic in treatment of refinery waste water in bio-aeration tanks, Desalination, ElsevierBV Amsterdam Netherlands, ISSN 0011-9164, 248 (2009), pp 941-960.
6	Pavlovic, M., Stanojević, M., Matić, I., Radić, D., Radivojević, D.: Eksperimentalno određivanje koeficijenta otpora strujanju zraka tehničkog pusta za transport pepela pneumatskim žlijebom, Tekstil, Hrvatski inženjerski savez tekstilaca, Zagreb, Hrvatska, ISSN 0492-5882, Vol. 58, No. 4 (2009), pp. 149-154., (IF2008 = 0,137)
7	Jovović, A., Kovačević, Z., Radić, D., Stojiljković, D., Obradović, M., Todorović, D., Stanojević, M.: The emission of particulate matters and heavy metals from cement kilns – case study: co-incineration of tires in Serbia, Chemical industry & Chemical Engineering Quarterly, ISSN 1451-9372, 16 (3) (2010), pp. 213-217.
8	Radić, D., Obradović, M., Stanojević, M., Jovović, A., Stojiljković, D.: A Study on the Grindability of Serbian Coal, Thermal Science, ISSN 0354-9836, Vol. 15 (2011), No. 1, April 2011, pp. 267-274.
9	Jovović, A., Vujić, G., Pavlović, M., Radić, D., Jevtić, D., Stanojević, M.: Spontaneous Ignition/Low Temperature Oxidation of Municipal Solid Waste (Article), Revista de Chimie (Bucuresti), Romania, ISSN 0034-7752, Vol. 62 (2011), No 1, pp. 108-112.

Summary of teacher's scientific activities

The total number of citations	5	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the	9	The number of international projects in which the teacher is currently engaged	1

Advanced professional training

specialization in Federal Reublic of Germany

Other information considered relevant

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Stevanovic D. Vladimir		
Academic rank		Full professor		
Particular scientific field		Thermal Power Engineering		
Academic career				
		Date	Institution	Field
Promotion		22.04.2003	Faculty of Mechanical Engineering University of Belgrade	Thermal Power Engineering
Ph.D. degree		28.02.1992	Faculty of Mechanical Engineering University of Belgrade	Thermal Power Engineering
M.Sc. Degree		27.10.1986	Faculty of Mechanical Engineering University of Belgrade	Thermal Power Engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2004	2010	Sustainable development of the Belgrade energy system	Marina Jovanovic
2	2005	2011	Numerical simulation of boiling crisis in evaporating tubes	Milada Pezo
3	2007		Numerical simulation of temperature waves propagation in complex pipe networks	Sanja Prica
4	2007		Transport phenomena of natural circulation around tubes in a bundle in steam generators	Blazenka Maslovaric
5	2012		Two-phase flow in reverse water hammer	Bojan Ivljanin

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Stevanovic, V., Cucuz, S., Carl-Meissner, W., Maslovaric, B., Prica, S., A numerical investigation of the refrigerant maldistribution from a header towards parallel channels in an evaporator of automotive air conditioning system, International Journal of Heat and Mass Transfer, 55 (2012) 3335–3343.
2	Stevanovic, V., Maslovaric, B., Prica, S., Dynamics of steam accumulation, Applied Thermal Engineering, 37 (2012) 73-79.
3	Pezo, M., Stevanovic, V., Numerical prediction of critical heat flux in pool boiling with the two-fluid model, International Journal of Heat and Mass Transfer, 54 (2011) 3296-3303.
4	Stevanovic, V., Gajic, A., Savic, Lj., Kuzmanovic, V., Arnautovic, D., Dasic, T., Maslovaric, B., Prica, S., Milovanovic, B., Hydro energy potential of cooling water at the thermal power plant, Applied Energy, 88 (2011) 4005-4013.
5	Stevanovic, V., Zivkovic, B., Prica, S., Maslovaric, B., Karamarkovic, V., Trkulja, V., Prediction of thermal transients in district heating systems, Energy Conversion and Management, 50 (2009) 2167-2173.
6	Jovanović, M., Afgan, N., Radovanović, P., Stevanović, V., Sustainable development of Belgrade energy system, Energy – The International Journal, 34 (2009) 532-539.
7	Stevanovic, V., Stanojevic, M., Radic, D., Jovanovic, M., Three-fluid model predictions of pressure changes in condensing vertical tubes, International Journal of Heat and Mass Transfer, 51 (2008) 3736-3744.
8	Tucakovic, D., Zivanovic, T., Stevanovic, V., Belosevic, S., Galic, R., A computer code for the prediction of mill gases and hot air distribution between burners' sections at the utility boiler, Applied Thermal Engineering, 28 (2008) 2178-2186.
9	Stevanovic, V., Prica, S., Maslovaric, B., Zivkovic, B., Nikodijevic, S., Efficient numerical method for district heating system hydraulics, Energy Conversion and Management, 48 (2007) 1536-1543.
10	Simovic, Z., Ocokoljic, S., Stevanovic, V., Interfacial friction correlations for the two-phase flows across tube bundles, International Journal of Multiphase Flow, 33 (2007) 217-226.
11	Tucakovic, D., Stevanovic, V., Zivanovic, T., Jovovic, A., Ivanovic, V., Thermal-hydraulic analysis of a steam boiler with rifled evaporating tubes, Applied Thermal Engineering, 27 (2007) 509-519.
12	Stevanovic, V., Stosic, Z., Stoll, U., Three-dimensional numerical simulation of non-condensables accumulation induced by steam condensation in a non-vented pipeline, International Journal of Heat and Mass Transfer, 49
13	Stevanovic, V., Stosic, Z., Stoll, U., HELIO code prediction of hydrogen accumulation in non-vented steam pipelines, Nuclear Engineering and Design, 236 (2006) 1728-1738.

14	Pezo, M., Stevanovic, V., Stevanovic, Z., A two-dimensional model of the kettle reboiler shell side thermal-hydraulics, International Journal of Heat and Mass Transfer, 49 (2006) 1214-1224.
15	Stevanovic, V., Stosic, Z., Stoll, U., Condensation induced non-condensables accumulation in a non-vented vertical pipe, International Journal of Heat and Mass Transfer, 48 (2005) 83-103.
16	Stosic, Z., Stevanovic, V., Advanced Three-Dimensional Two-Fluid Porous Media Method for Transient Two-Phase Flow Thermal-Hydraulics in Complex Geometries, Numerical Heat Transfer, Part B - Fundamentals, 41 (2002) 263-289.
17	Stevanovic, V., Jovanovic, Z., A hybrid method for the numerical prediction of enthalpy transport in fluid flow, International Communications in Heat and Mass Transfer, 27 (2000) 23-34.
18	Stevanovic, V., An analytical model for gas absorption in open-channel flow, International Communications in Heat and Mass Transfer, 24 (1997) 1187-1194.
19	Stevanovic, V., Studovic, M., A Simple Model for Vertical Annular and Horizontal Stratified Two-Phase Flows with Liquid Entrainment and Phase Transitions - One-Dimensional Steady-State Conditions, Nuclear Engineering and Design, 154 (1995) 357-379.
20	Stevanovic, V., Studovic, M., Bratic, A., Simulation and Analysis of a Main Steam Line Transient with Isolation Valves Closure and subsequent Pipe Break, International Journal of Numerical Methods for Heat & Fluid Flow, 4 (1994) 387-398.

Summary of teacher's scientific activities

The total number of citations	105	The number of national projects in which the teacher is currently engaged	2
papers published in the SCI (SSCI) journals	20	The number of international projects in which the teacher is currently engaged	1

Advanced professional training

Research fellow at the Siemens AG in 1988-89 under the fellowships of the International Atomic Energy Agency

Other information considered relevant

Member of the Scientific Society of Serbia.

Corresponding member of the Academy of Engineering Sciences of Serbia.

Member of the editorial boards of the journals Energy, Thermal Science, FME Transactions, The Open Mechanical Engineering

October prize of the city of Belgrade for scientific work in 1990.

Two patents.

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name			Stefanović A. Zoran	
Academic rank			full time professor	
Particular scientific field			aerodynamics and gas dynamics	
Academic career				
		Date	Institution	Field
Promotion		1.6.1996	University of Belgrade, Faculty of Mech. Eng.	aerodynamics
Ph.D. degree		3.7.1986	University of Belgrade, Faculty of Mech. Eng.	gas dynamics
M.Sc. Degree		23.6.1980	University of Belgrade, Faculty of Mech. Eng.	aerodynamics
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1		30.12.2004	Contribution to the design and production of the composite material aircraft structures with the moldeless technique approach	Ali Khlifa Sul
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Pressure distribution in rocket nozzle with mechanical system for TVC, AIAA Paper No 1824, 1987			
2	Aerodynamic loads investigation of high cooling towers, Z.Angew.Math.Mech. 68 (1988) No 5, pp 295-298, Berlin			
3	ВЛРХИЕ СИСТЕМЪИ УПРАВЛЕНИЕ ВЕКТОРОМ ТАГИ НА РАСПРЕДЕЛЕНИЕ ДАВЛЕНИЕ В СОПЛЕ РЕАКТИВНОГО ДВИГАТЕЛА, UDC:629.78.036.54-66, Москва 1990			
4	АЕРОПРОФИЛИ , монографија, страна 450, Београд, 2005.			
5	Analysis of the Sailplane Final Approaches Performed by Cosine-Law Speed Variations, Strojniški vestnik - Journal of Mechanical Engineering, ISSN 0039-2480, 56(2010)7-8, pp. 436-446, UDC UDK 629.734.33:351814343			
6	Efficient Evaluation of Preliminary Aerodynamic Characteristics of Light Trainer Aircraft, Engineering Review - University of Rijeka, ISSN 1330-9587, Vol 32, Issue 1, pp. 49-56, 2012.			
7	Control of Electro-Mechanical Actuator for Aerospace Applications, “Strojarstvo”, Vol. 52, No. 3, pp. 303-313, (ISSN 0562-1887) UDK 629.735.036.7:681.515.8			
8	A Vortex Lattice Method Application in Aerodynamic Analysis and Design af Light Aircraft, KOD 2010, Proceedings ISBN 978-86-7892-278-7, pp. 85-92, Палић, 2010.			
9	Investigation of the Pressure Distribution in 2D Rocket Nozzle with Mechanical System for Thrust Vector Control (TVC), “Strojarstvo”, Vol. 53, No. 4, pp. 287-292, (ISSN 0562-1887) UDK 532.517.2:623.463:519.62/.63			
10	Thermal Stress Analysisof a Hybride Structure With Cracks In The Matrix (Resin) Composite Material, Thermal Science, 2011., Vol. 15, No.2, pp. 559-563, DOI : 10.2298/TSCI1102559T			
11	Computer AidedModeling of the Rubber Pad Forming Process, Materials and Technology 46 (2012) 5, 503-510			
12	Симулирање атмосферског граничног слоја у лабораторијским условима , Савремени проблеми механике флуида, Зборник , пп 131-141, Београд, 1992			
13	An Approach to surface modelling , AIA Aerospace Conference & Symposium, Ankara, Turkey, 1996			
14	Aerodynamics-Multimedial Ppresentation Approach, 24th Congress of theoretical and applied mechanics, Belgrade, 2003			
15	Primary Aerodynamic Analyses of a New Light Aircraft in Symmetrical Flight Configurations, KOD 2012 - Machine and Industrial Design in Mechanical Engineering, Proceedings ISBN 978-86-7892-399-9, pp. 97-104, IFToMM			
Summary of teacher's scientific activities				
The total number of citations		4	The number of national projects in which the teacher is currently engaged	
papers published in the SCI (SSCI) journals		7	The number of international projects in which the teacher is currently engaged	
Advanced professional training				
Centro Spacio, Piza, Italy, 1991-1992				
Other information considered relevant				
Award Свети Сава for best book published in 2005.				

Scientific qualifications of mentors to Doctoral studies and their responsibilities				
Surname, Middle initial, Name		Stojiljković D. Dragoslava		
Academic rank		full professor		
Particular scientific field				
Academic career				
		Date	Institution	Field
Promotion		March 16, 2011	University of Belgrade - Faculty of Mechanical Engineering	Technogy of materials - Fuels and Combustion
Ph.D. degree		July 13, 1999	University of Belgrade - Faculty of Mechanical Engineering	Technogy of materials - Fuels and Combustion
M.Sc. Degree		November 17, 1992	University of Belgrade - Faculty of Mechanical Engineering	Technogy of materials - Fuels and Combustion
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2008	2011	Optimisation and modelling of biomass pellet combustion in domestic stoves	Nebojša Manić
2	2010		Possibilities for the use of native plant species of large biomass for remediation of contaminated sites with heavy metals and arsenic, with the possibility of utilization for energy purposes	Vladica Čudić
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1				
Summary of teacher's scientific activities				
The total number of		3	The number of national projects in which the teacher	2
The total number of		7	The number of international projects in which the	2
Advanced professional training				
University of Leeds, Fuels and Energy Department, 1995.				
Other information considered relevant				

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Stupar N Slobodan		
Academic rank		Professor		
Particular scientific field		Aerospace engineering		
Academic career				
		Date	Institution	Field
Promotion		1996.	University of Belgrade, Faculty of Mechanical Engineering	Aerospace engineering
Ph.D. degree		1987.	University of Belgrade, Faculty of Mechanical Engineering	Aerospace engineering
M.Sc. Degree		1975.	University of Belgrade, Faculty of Mechanical Engineering	Aerospace engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2005.	2008.	Integrated aerodynamical-dynamical-structural optimization of the composite rotor blades	Aleksandar Simonovic
2	2005.	2012.	Design and testing of the database structures in aircraft systems maintenance management	Goran Lazovic
3	2012.	2012	The assessment of residual life of structural elements with an initial damage under thermo-mechanical loading spectrum	Dragi Stamenkovic

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Trifkovic Dragan, Stupar Slobodan, Bosnjak Srdjan, Milovancevic Milorad, Krstic Branimir, Rajic Zoran, Dunjic Momcilo, Failure analysis of the combat jet aircraft rudder shaft, ENGINEERING FAILURE ANALYSIS, (2011), vol. 18 br. 8, str. 1998-2007, IF 2010: 0.765, ISSN: 1350-6307, http://www.elsevier.com/locate/engfailanal
2	Stamenkovic Dragi, Maksimovic Katarina, Nikolic-Stanojevic Vera, Maksimovic Stevan, Stupar Slobodan, Vasovic Ivana, Fatigue Life Estimation of Notched Structural Components, STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, (2010), vol. 56 br. 12, str. 846-852, IF 2010: 0.466, ISSN: 0039-2480, http://www.fs.uni-lj.si/sv
3	Ilic Ivana, Petrovic Zlatko, Maksimovic Mirko, Stupar Slobodan, Stamenkovic Dragi, Computation Method in Failure Analysis of Mechanical Fastened Joints at Layered Composites, STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, DOI:10.5545/sv-jme.2010.157, IF 2010: 0.466, ISSN: 0039-2480, http://www.sv-jme.eu/data/upload/2012/Clanki/12_02/2011_157_Ilic_02_w.pdf
4	Petrovic Zlatko, Stupar Slobodan, Kostic Ivan, Simonovic Aleksandar, Determination of a Light Helicopter Flight Performance at the Preliminary Design Stage, STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, (2010), vol. 56 br. 9, str. 535-543, IF 2010: 0.466, ISSN: 0039-2480, http://www.fs.uni-lj.si/sv
5	Komarov Dragan, Stupar Slobodan, Simonovic Aleksandar, Stanojevic Marija, Prospects of wind energy sector development in Serbia with relevant regulatory framework overview, RENEWABLE AND SUSTAINABLE ENERGY REVIEWS, (2012), vol. 16 br. 5, str. 2618-2630, IF 2010: 4.595, ISSN: 1364-0321, http://www.elsevier.com/locate/rser
6	Simonovic Aleksandar, Kostic Ivan, Stupar Slobodan, Petrovic Zlatko, Laboratory Tests of a Hybrid Metal-Composite Transport Helicopter Blade Segment, EXPERIMENTAL TECHNIQUES, (2012), vol. 36, br. 3, str. 22-32, IF 2010:0.505, ISSN:0732-8818

Summary of teacher's scientific activities

The total number of	1	The number of national projects in which the teacher	1
The total number of	6	The number of international projects in which the	

Advanced professional training

1987. Cranfield University

Other information considered relevant

Projects of the Ministry of the Science:

1997. Director of the project "Development of the piropatrons for civil aviation"

1999. Director of the project "Development of the ultrasound fluid sprayer"

2002. – 2004. Director of the project "Development of the medium size windturbine"

2003. Director of the study „Study of the development of the systems and laboratories for renewable energy sources testing"

2005.-2007. Director of the project "Development of the light helicopter"

2006. Director of the project "Development of the advances windturbine optimized for low wind speeds"

2008.-2010. Director of the project "Development of the design technologies and production technologies of large windturbines rotor blades and other large composite structures of energy fascilities"
2011.- Director of the project "Research and development of the advanced design of the composite rotorblades for the high performance rotors"

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Tanovic M. Ljubodrag		
Academic rank		Full time Professor		
Particular scientific field		Production Engineering		
Academic career				
		Date	Institution	Field
Promotion		15.July.2002.	University of Belgrade,Mechanical Engineering Faculty	Production Engineering
Ph.D. degree		1. July.1991	University of Belgrade,Mechanical Engineering Faculty	Production Engineering
M.Sc. Degree		1. 11. 1984.	University of Belgrade,Mechanical Engineering Faculty	Production Engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2011		The Research of The Effects of Cutting Edge in Tapping Process	Mihajlo Popovic, M.Sc
2	2012		Turning Tools Life Research in Production Environment During The Orthogonal Cutting	Milan Milutinovic, M.Sc

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Tanovic LJ., Bojanic P., Puzovic R., Klimenko S., 2009, Experimental Investigation of Microcutting Mechanisms in Marble Grinding , ASME Journal of Manufacturing Science and Engineering, 131/6.			
2	Milutinovic D., Glavonjic M., Slavkovic N., Dimic Z., Zivanovic S., Kokotovic B., Tanovic LJ., 2011, Reconfigurable robotic machining systems controlled and programmed in a machine tool manner , Int.J.Adv.Maunf.Technol., 53 / 9-12, p. 1217-1229			
3	Tanovic LJ., Bojanic P., Puzovic R., Milutinovic M., 2011, Experimental Investigation of Microcutting Mechanisms in Granite Grinding, ASME Journal of Manufacturing Science and Engineering, 133/2.			
4	Tanovic Lj., Bojanic P., Popovic M., Belic Z., Trifkovic S., 2012, Mechanisms in Oxide-Carbide Ceramic BOK 60 Grinding , 58/ 9-12, p. 985-989.			
5	Tanovic Lj., Bojanic P., Puzovic R., Klimenko.S.A., 2011, Polycrystalline Cubic Boron Nitride (PCBN) Tool Life and Wear in Turning of Amorphous-Crystalline Iron-Based Coatings, Journal of Mechanical Engineering, 57 / 12, p. 904-910			

Summary of teacher's scientific activities

The total number of	2	The number of national projects in which the teacher	1
The total number of	5	The number of international projects in which the	

Advanced professional training

Institute for Superhard Materials of Academy of Sciences of Ukrainian SSR, 1989 - 1990.

Other information considered relevant

Belgrade Chamber of Commerce Award for Doctoral Thesis 1991., City of Belgrade October Award for the Most Remarkable Performance in The Area of Technical Sciences for the Book " Cutting Ceramics- Features,Derivation and Abrasive Machining, 1992.

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Tomić V. Miroljub		
Academic rank		Full Professor		
Particular scientific field		Mechanical Engineering, Internal Combustion Engines		
Academic career				
		Date	Institution	Field
Promotion		05/05/1998	Faculty of Mechanical Engineering	IC Engines
Ph.D. degree		11/20/1987	Faculty of Mechanical Engineering	IC Engines
M.Sc. Degree		10/06/1978	Faculty of Mechanical Engineering	IC Engines
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	1999	2006	Research of injection process in multi-cylinder compression ignition engine under fuel injection system unsteady operation	Štavljanin Miloljub
2	2008		Optimum ignition timing control of SI engine using artificial neural networks	Nenad Miljić
3	2008		Instantaneous crankshaft angular speed based method for engine combustion analysis	Slobodan Popović
4	2011		Research of combustion process in compression ignition engine using bio-fuels and exhaust gas recirculation	Dragan Knežević
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Miroljub V. Tomić, Slobodan J. Popović, Nenad L. Miljić, Stojan V. Petrović, Miloš R. Cvetić, Dragan M. Knežević, Zoran S. Jovanović. A QUICK, SIMPLIFIED APPROACH TO THE EVALUATION OF COMBUSTION RATE FROM AN INTERNAL COMBUSTION ENGINE INDICATOR DIAGRAM, Thermal Science YU ISSN 0354-9836, 1/2008, Vol. 12, pp. 85-99, UDC: 621.43.054/.056:66.011, DOI: 10.2298/TSCI0801085T (IF=0,407; M23=3)			
2	Zoran S. Jovanović, Stojan V. Petrović, Miroljub V. Tomić, THE EFFECT OF COMBUSTION CHAMBER GEOMETRY LAYOUT ON COMBUSTION AND EMISSION, Thermal Science YU ISSN 0354-9836, 1/2008, Vol. 12, pp. 7-24, UDC: 662.767:66.011, DOI: 10.2298/TSCI0801007J (IF=0,407; M23=3)			
3	Ž M Bulatović, M V Tomić, D M Knežević, and M R Cvetić, Evaluation of variable mass moment of inertia of the piston–crank mechanism of an internal combustion engine, Proc. IMechE Part D: J. Automobile Engineering, Vol. 225 Issue 5 May 2011, ISSN 0954-4070, pp. 687-702, DOI: 10.1177/2041299110394918, 2011. (IF=0,441; M23=3)			
4	Ž. M. Bulatović, M. S. Štavljanin, M. V. Tomić, D. M. Knežević, S. Lj. Biočanin, MEASUREMENT AND ANALYSIS OF ANGULAR VELOCITY VARIATIONS OF TWELVE-CYLINDER DIESEL ENGINE CRANKSHAFT, ELSEVIER, Mechanical Systems and Signal Processing, ISSN 0888-3270, 8/2011, Vol.25, pp. 3043-3061, doi: 10.1016/j.ymssp.2011.05.002 (IF= 1,762; M21=8)			
5	Zoran S. Jovanović, Zlatomir M. Živanović, Željko B. Šakota, Miroljub V. Tomić, Velimir S. Petrović, "THE EFFECT OF BOWL-IN-PISTON GEOMETRY LAYOUT ON FLUID FLOW PATTERN", Thermal Science, Vol 15 (2011), No.3, ISSN 0354-9836, doi: 10.2298/TSCI110417040J, Belgrade, 2011. (IF=0,706; M23=3)			
6	Jovanovic S. Zoran, Basara S.Branislav, Tomic V. Miroljub, Petrovic S. Velimir, SOME SUBTLETIES CONCERNING FLUID FLOW AND TURBULENCE MODELING IN 4-VALVE ENGINES, THERMAL SCIENCE, (2011), vol. 15 br. 4, pp. 1065-1079.			
7	Petrovic S. Velimir, Jankovic P. Slobodan, Tomic V. Miroljub, Jovanovic S. Zoran, Knezevic M. Dragan, THE POSSIBILITIES FOR MEASUREMENT AND CHARACTERIZATION OF DIESEL ENGINE FINE PARTICLES, THERMAL SCIENCE, (2011), vol. 15 br. 4, pp. 915-938.			
8	Tomić, M., Petrović, S., Spark Ignition Engine Part Load Fuel Economy Improvement: Numerical Consideration, FME Transactions, Volume 31, Number 1, Pages 21-26, Faculty of Mech. Eng., Belgrade, 2003.			
9	Miroljub Tomić, Slobodan Popović, Nenad Miljić, Stojan Petrović, Vlada Stajić, THE APPLICATION OF TURBO CHARGING ON DMB 1.4 MPI SPARK IGNITION ENGINE, International Conference „DEMI 2009“, ISBN 978-99938-39-23-1, Proceedings, pp. 541-546, Banja Luka, Republic of Srpska, 2009 (in Serbian).			
10	Miroljub Tomić, Stojan Petrović, Slobodan Popović, Nenad Miljić, THE DEVELOPMENT OF SPARK IGNITION ENGINE DMB 1.4 WITH TURBO CHARGING AND ELECTRONIC CONTROL, 14th Symposium of Thermal Science and Engineering of Serbia, Proceedings, ISBN 978-86-80587-96-7, IV.7, pp. 353-362, Sokobanja, Serbia 2009. (in Serbian)			

11	Miroljub Tomić, Stojan Petrović, Slobodan Popović, Nenad Miljić, DUAL PORT INDUCTION SYSTEM FOR DMB 1.4 MPI ENGINE, 10th Anniversary International conference DEMI 2011, Proceedings, ISBN 978-99938-39-36-1, pp. 651-659, Banja Luka, Republic of Srpska, 2011 (in Serbian).		
12	M. Kitanović, S. J. Popović, N. Miljić, M. Cvetić, M. Tomić and P. Mrđa, HYDRAULIC HYBRID TECHNOLOGY REVIEW – PERSPECTIVES AND BENEFITS OF ITS IMPLEMENTATION ON PUBLIC TRANSPORTATION VEHICLES, 15th Symposium on Thermal Science and Engineering of Serbia, Soko Banja, 2011., Proceedings, pp. 752-760, Punlicher: University on Niš, Faculty of Mech. Eng. of Niš, ISBN 978-86-6055-018-9.		
13	Popović, S., Miljić, N., Cvetić, M., Tomić, M., Nauparac, D., HYDRAULIC HYBRID TECHNOLOGY REVIEW–PERSPECTIVES AND BENEFITS IN URBAN TRAFFIC, International Congress Motor Vehicles & Motors 2010, MVM2010-048, Proceedings, ISBN 978-86-86663-57-3, pp. 366-374, Kragujevac, Serbia, 2010.		
14	Petrović, S., Tomić, M., Matejić, M., Filipi, Z., Balvanliev, A., Jovanović, Z., Experimental and Theoretical Evaluation of Friction Losses in a Four Cylinder Gasoline Engine, 2nd International Conference on tribology "Balkantrib '96", Proceedings 554-561, Thesaloniki, Greece, 1996.		
15	Petrović, S., Tomić, M., Jovanović, Z., Veinović, S., The Experimental and Theoretical Optimization of Spark Ignition Engine Combustion Chamber Geometry, XXIII Fisita Congress, 905054, Torino, 1990.		
16	Tomić, M., Petrović, S., Dimitrovski, M., Quasidimensional Combustion Modeling and its Experimental Validation in the Spark Ignition Engine, VII međunarodni simpozijum "Motor- sympo '90", Visoke Tatre, CSFR, 1990.		
17	Tomić, M., Petrović, S., Internal Combustion Engines, Faculty of Mechanical Engineering, 297 pages, Belgrade, 1994, 2000, 2004, 2008.		
18	Tomić, M., IC Engines Fueling and Ignition Systems, Faculty of Mechanical Engineering, 249 pages, Belgrade, 2005, 2012.		
Summary of teacher's scientific activities			
The total number of citations	6	The number of national projects in which the teacher is currently engaged	2
papers published in the SCI (SSCI) journals	7	The number of international projects in which the teacher is currently engaged	0
Advanced professional training			
King's College London, England, three months, 1983.			
Other information considered relevant			

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name					Skataric, M, Dobrila				
Academic rank					Professor				
Particular scientific field					Electrical engineering				
Academic career									
		Date		Institution			Field		
Promotion		16.3.2011		University of Belgrade, Mech. Eng, Faculty			Electrical Engineering		
Ph.D. degree		17.9.1993		Univ. of Novi Sad, Faculty of Tech. Science.			Control Theory		
M.Sc. Degree		26.1.1985		University of Belgrade, Electrical Eng. Faculty			Power Systems		
The list of doctoral theses that are being mentored or have been mentored for the last 10 years									
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title				Ph.D. candidate		
Relevant papers published in scientific SCI journals (at least 5, no more than 20)									
1	Zoran Gajić, Myo-Taeg Lim, Dobrila Škatarić, Wu-Chung Su, Vojislav Kecman, Optimal Control of Weakly Coupled Systems and Applications, 1. edition, Boca Raton London New York: CRC Press Taylor & Francis Group, 2009, 331 pp., ISBN 978-0-8493-7429-6.								
2	D.Skataric and Z.Gajic, <i>Linear Control of nearly Singularly perturbed systems</i> , <i>Automatica</i> , 28, 1992, 159-163								
3	D.Arnautovic and D.Skataric, <i>Suboptimal Design of hydroturbine governors</i> , IEEE Trans.Energuy Conv., 6, 1991, 438-444								
4	N.Ratkovic Kovacevic, D.Skataric, <i>Multimodeling control via System balancing</i> , Mathematical Problems in Engineering, vol 2010., ID841830								
5	Škatarić D., Gajić Z. and Arnautović D., Reduced order design of optimal control for quasi weakly coupled linear control systems, Control Theory and Advanced Technology, Vol. 9, No. 3, 481-490 (1993), ISSN 0911-0704								
6	Skataric Dobrila, Gajic Zoran and Qian Lijun, Optimal linear and bilinear algorithms for power control in 3G wireless CDMA networks, European transactions on telecommunications, 2007, Vol. 18, No. 4, pp. 419 -426, ISSN 1124-318x								
7	Koskie S., Škatarić D. and Petrović B., Convergence proof for recursive solution of linear quadratic Nash games for quasy-singularly perturbed systems, Dynamics of Continuous, Discrete and Impulsive Systems, Series B, Applications & Algorithms, Vol. 9, No. 2, 317-333 (2002), ISSN 1492-8760								
Summary of teacher's scientific activities									
The total number of citations		50		The number of national projects in which the teacher is currently engaged			1		
papers published in the SCI (SSCI) journals		6		The number of international projects in which the teacher is currently engaged					
Advanced professional training									
Rutgers University, NJ, USA, 1990.									
Other information considered relevant									
Visiting professor, Rutgers University, NJ, 1996, 2000.									

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Aleksendrić, S, Dragan		
Academic rank		Associate Professor		
Particular scientific field		Motor Vehicles		
Academic career				
		Date	Institution	Field
Promotion		02.07.2012.	University of Belgrade Faculty of Mechanical Engineering	Motor Vehicles
Ph.D. degree		05.06.2007.	University of Belgrade Faculty of Mechanical Engineering	Motor Vehicles
M.Sc. Degree		30.08.1996.	University of Belgrade Faculty of Mechanical Engineering	Motor Vehicles
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2010	2012	The Potential Application of Artificial Intelligence in Prediction of Motor Vehicles Braking Performance	Velimir Ćirović
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Aleksendrić D. , Jakovljević Ž., Ćirović V.: Intelligent control of braking process, Expert Systems with Applications, 39/14, 2012, pp. 11758-11765, ISSN 0957-4174, IF: 1,926 (2010). (M21)			
2	Ćirović V., Aleksendrić D. , Mladenović D.: Braking torque control using recurrent neural networks, Proc. IMechE Part D: J. Automobile Engineering, June 2012, Vol. 226, No. 6, pp. 754-766, 2012, ISSN 0954-4070, IF: 0,441 (2010). (M23)			
3	Aleksendrić D. , Senatore A.: Optimization of manufacturing process effects on brake friction material wear, Journal of Composite Materials, 46 (22), 2012, pp. 2777-2791, IF=0,971 ISSN 0021-9983 (M22). DOI: 10.1177/0021998311432489.			
4	Aleksendrić D. , Barton. D.C, Vasić B.: Prediction of brake friction materials recovery performance using artificial neural networks, Tribology International 43 (2010), pp 2092-2099. ISSN: 0301-679X, IF: 1,425 (M21).			
5	Aleksendrić D. : Neural network prediction of brake friction materials wear, Wear Vol. 268, Issues 1-2 (2010), pp. 117-125, ISSN 0043-1648. IF=1,509 (M21)			
6	Aleksendrić D. , Balać I., Tang C.Y., Tsui C.P., Uskoković P., Uskoković D.: Surface characterisation of PLLA polymer in HAp/PLLA bicomposite material by means of nanoindentation and artificial neural networks, Advances in Applied Ceramics, Vol. 109 No 2, 2010, IF=0,808 (M22)			
7	Aleksendrić D. , Barton D.C.: Neural network prediction of disk brake performance, Tribology International 42 (7) 2009, pp. 1074-1080. ISSN 0301-679X. IF=1,423 (M21).			
8	Aleksendrić D. , Duboka Č., Mariotti G.V.: Neural modelling of friction material cold performance, Proc. IMechE Part D: Journal of Automobile Engineering, Vol. 222 No. 7, 2008, pp. 1021-1029. ISSN 0954-4070. IF=0,342 (M23)			
9	Aleksendrić D. , Duboka Č.: Artificial technologies in sustainable braking system development, Int. J. Vehicle Design, Volume 46, Issue 2, February 2008, pp. 237-249. ISSN 0143-3369. IF=0.389 (M23).			
10	Aleksendrić D. , Duboka Č.: Fade performance prediction of automotive friction materials by means of artificial neural networks, Wear Vol. 262, Issues 7-8 (2007), pp. 778-790, ISSN 0043-1648. IF=1,509 (M21)			
11	Aleksendrić D. , Duboka Č.: Prediction of automotive friction material characteristics using artificial neural networks-cold performance, Wear Vol. 261, Issues 3-4 (2006), pp. 269-282; ISSN 0043-1648. IF=1,509 (M21)			
12	Ćirović V., Aleksendrić D. , Smiljanić D.: Longitudinal wheel slip control using dynamics neural networks, Mechatronics, 2012, ISSN 0957-4158, IF: 1,255 (2011). (M21)			
13	Ćirović V., Aleksendrić D. : Development of neural network model of disc brake operation, FME-Transactions, Vol. 38, 2010, pp. 29-38, ISSN 1451-2092.			
14	Ćirović V., Aleksendrić D. : Dynamic modelling of disc brake contact phenomena, FME-Transactions, Vol. 39, No. 4, 2011, pp. 177-183, ISSN 1451-2092.			
15	Aleksendrić D. , Duboka Č.: A neural model of automotive brake cold performance, FME-Transactions, Vol. 35, No. 1, 2007, pp. 9-14, ISSN 1451-2092.			
16	Aleksendrić D. , Duboka Č., Arsenić Ž.: Vehicle Combination Braking Compatibility Behavior, SAE 2002 Transactions-Journal of Passenger Cars: Mechanical System, ISBN 0-7680-1290-2, pp. 2161-2169, 2002.			

17	Aleksendrić D., Duboka Č., Gotowicki P.F., Mariotti G.V., Nigrelli V.: Braking procedure analysis of a pegs-wing ventilated disk brake rotor, Int. J. Vehicle Systems Modelling and Testing, Vol. 1, No. 4, pp. 233–252, 2006.		
Summary of teacher's scientific activities			
The total number of citatio	75	The number of national projects in which the teacher is currently engaged	2
papers published in the SCI (SSCI) journals	12	The number of international projects in which the teacher is currently engaged	1
Advanced professional training			
Other information considered relevant			
Award of Belgrade Commercial Chamber for Doctoral Dissertation-2007.			
Head of Laboratory for motor vehicles safety-LaBMV			
Author or co-author of 12 chapters in international monographs			
Co-author of the book "Artificial Neural Networks - solved examples with theoretical backgraound", Faculty of Mechanical Enngineering University of Belgrade (In Serbian), 2009.			

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Balac, M., Igor		
Academic rank	Associate Professor		
Particular scientific field	Strength of constructions		
Academic career			
	Date	Institution	Field
Promotion	07.05.2012.	University of Belgrade, Faculty of Mechanical Engineer	Mechanical engineering
Ph.D. degree	09.02.2006.	University of Belgrade, Faculty of Mechanical Engineer	Mechanical engineering
M.Sc. Degree	22.01.1999.	University of Belgrade, Faculty of Mechanical Engineer	Mechanical engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
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Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Dj. Veljović, R. Jančić- Hajneman., I. Balać, B. Jokić, S. Putić, R. Petrović, Dj. Janačković, The Effect of the Shape and Size of the Pores on the Mechanical Properties of Porous HAP-Based Bioceramics, ,Ceramics international, 37 (2011), 471-479.
2	D. Aleksendrić, I. Balać, C.Y. Tang, C.P. Tsui, P.S. Uskoković, D.P. Uskoković, Neural modelling of PLLA polymer in HAP/PLLA biocomposite material behaviour during nanoindentation, Advances in Applied Ceramics, 109 (2010) 65-70.
3	Dj. Veljović, E. Palcevskis, A. Dindune, S. Putić, I. Balać, R. Petrović, Dj. Janačković, Microwave sintering improves the mechanical properties of biphasic calcium phosphates from hydroxyapatite microspheres produced from hydrothermal processing, Journal of Materials Science , 45 (2010) 3175-3183.
4	D. Stojanović, P.S. Uskoković, I. Balać, V. Radojević, R. Aleksić, Effect of Silane Coupling Agents on Mechanical Properties of Nano-SiO2 Filled High-Density Polyethylene Composites, Materials Science Forum, 555 (2007) 479-484.
5	I. Balać, C.Y. Tang, C.P. Tsui, D.Z. Chen, P.S. Uskoković, N. Ignjatović, D.P. Uskoković, Nanoindentation of in situ polymers in hydroxyapatite/poly-L-lactide biocomposites, Materials Science Forum, 518 (2006) 501-506.
6	I. Balać, M. Milovančević, C.Y. Tang, P.S. Uskoković, D. Uskoković, Estimation of the elastic properties of a particulate polymer composite using a face-centered cubic FE model, Materials Letters, 58 (2004) 2437-2441.
7	I. Balać, P.S. Uskoković, M. Milovančević, R. Aleksić, D. Uskoković, Finite element modeling of mechanical properties of particulate composite biomaterials, Materials Science Forum, 413 (2003) 257-261
8	I. Balać, P.S. Uskoković, R. Aleksić, D. Uskoković, Predictive modeling of the mechanical properties of particulate hydroxyapatite reinforced polymer composites, Journal of Biomedical Materials Research, 63 (2002)
9	I. Balać, P.S. Uskoković, N. Ignjatović, R. Aleksić, D. Uskoković, Stress analysis in hydroxyapatite/poly-L-lactide composite biomaterials, Computational Materials Science, 20 (2001) 275-283.
10	P.S. Uskoković, I. Balać, LJ. Brajović, M. Simić, S. Putić, R. Aleksić, Delamination detection in woven composite laminates with embedded optical fibers, Advanced Engineering Materials, 3 (2001) 492-496.

Summary of teacher's scientific activities

The total number of citations	63	The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	13	The number of international projects in which the teacher is currently engaged	1

Advanced professional training

Other information considered relevant

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Miloš Jovo Banjac		
Academic rank	Associate Professor		
Particular scientific field	CFD, Renewable energy sources, Energy efficiency		
Academic career			
	Date	Institution	Field
Promotion	12.10.2009.	Faculty of Mechanical Engineering	Thermomechanics
Ph.D. degree	09.07.2004	Faculty of Mechanical Engineering	Thermomechanics
M.Sc. Degree	23.02.1998.	Faculty of Mechanical Engineering	Thermomechanics

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	30.08.2011.		<i>potential mentor</i>	Срђан Отовић
2	12.07.2011.		potential mentor (Optimization of energy consumption in buildings with complex exploitation)	Тамара Бајц
3	23.11.2012.		<i>potential mentor</i> (Contribution to investigating the effects of heat island effect in urban areas, the energy efficiency of buildings and the quality of interior space)	Иван Лазовић
4	23.11.2012.		<i>potential mentor</i> (Contribution to the research of solar energy use in district heating systems)	Јован Милојевић

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Banjac, M., Todorović, M., Ristanović, M, Galić, R.: Experimental determination of thermal conductivity of soil with a thermal response test, Thermal Science, DOI:10.2298/TSCI100627156B, Vol. 13, Issue 1, pp 69-78, 2012 .
2	Laković, M., Laković, S., Banjac, M.: Analysis of the evaporative towers cooling system of a coal-fired power plant; Thermal Science, DOI:10.2298/TSCI120426176L, 2012
3	Stakić, M., Banjac, M., Urošević, T.: Numerical Study on Hygroscopic Material Drying in Packed Bed, Brazilian Journal of Chemical Engineering, ISSN 0104-6632, Vol. 28, No. 02, pp. 273 - 284, April - June, 2011.
4	Banjac, M., Nikolić, B.: Computational Study of Smoke Flow Control in garage Fires and optimisation of the ventilation system, Thermal Science, doi:10.2298/TSCI0901069B, Vol. 13, Issue 1, pp 69-78, 2009.
5	Banjac, M., Stamenić, M., Lečić, M. Stakić, M.: Size distribution of agglomerates of milk powder in wet granulation process in a vibro-fluidized bed, Brazilian Journal of Chemical Engineering, ISSN 0104-6632, Vol. 26. No. 3, 2009.
6	Vencel, A., Mrdak, M., Banjac, M.: Correlation of Microstructures and Tribological Properties of Ferrous Coatings Deposited by Atmospheric Plasma Spraying on Al-Si Cast Alloy Substrate, Metallurgical and Materials Transactions A, Springer Boston, ISSN 1073-5623, Vol 40, pp. 389-405, 2009.
7	Lečić, M., Čantrak, Đ., Čočić, A., Banjac, M.: Piezoresistant velocity probe, Experimental Techniques, Experimental Techniques, DOI: 10.1111/j.1747-1567.2008.00365.x, Volume 33, Issue 3, pages 73–79, May/June 2009.

Summary of teacher's scientific activities

The total number of citations		The number of national projects in which the teacher is currently engaged	2
papers published in the SCI (SSCI) journals	7	The number of international projects in which the teacher is currently engaged	1

Advanced professional training

Scholarships of Alexander von Humboldt Foundation, Institut für Strömungslehre, Universität Karlsruhe – TU, (2001)

Other information considered relevant

2011 - 2012 Assistant Minister, Ministry for Infrastructure and Energy, Department for sustainable energy, renewable energy sources and strategic planning

2010-2012 Assistant Minister, Ministry of Mining and Energy, Department for General Energy (Sector for strategic planning and Sector for energy efficiency)

Visiting Professor on Faculty of Architecture, University of Belgrade, with subject Elements of the Science of Heat

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Bugarić S. Ugljesa		
Academic rank		Associate professor		
Particular scientific field		Industrial engineering		
Academic career				
		Date	Institution	Field
Promotion		06.07.2009.	University of Belgrade - Faculty of mechanical engineering	Industrial engineering
Ph.D. degree		20.06.2002.	University of Belgrade - Faculty of mechanical engineering	Mechanisation
M.Sc. Degree		31.05.1996.	University of Belgrade - Faculty of mechanical engineering	Mechanisation
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	07.06.2011.	18.06.2012.	Contribution to development of methodology for prediction and decision-making by artificial neural networks	Milica Gerasimovic
2	31.10.2008.	----	Contribution to special project management from investor perspective	Miroslav Pajcin
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Tanasijević, M., Ivezić, P., Jovančić, P., Ignjatović, D., Bugarić, U.: Dependability assessment of open-pit mines equipment - study on the bases of fuzzy algebra rules, Eksploatacija i Niezawodność – Maintenance and Reliability, Vol. 15, No. 1, 2013. pp. 66-74. (ISSN: 1507-2711 IF=0,333 (2011))			
2	Bugarić, U., Petrović, Dušan, Jeli, Z., Petrović, Dragan: Optimal utilization of the terminal for bulk cargo unloading, Simulation: Transactions of the Society for Modeling and Simulation International, Vol. 88, Iss. 12, 2012. pp. 1508 - 1521. (ISSN: 0037-5497 IF=0,793 (2011))			
3	Bugarić, U., Tanasijević, M., Polovina, D., Ignjatović, D., Jovančić, P.: Lost production costs of the overburden excavation system caused by rubber belt failure, Eksploatacija i Niezawodność – Maintenance and Reliability Vol. 14, No. 4, 2012. pp. 333-341. (ISSN: 1507-2711 IF=0,333 (2011))			
4	Bugarić, U., Petrović, D., Petrovic, Z., Pajcin, M., Markovic-Petrovic, G.: Determining the Capacity of Unloading Bulk Cargo Terminal Using Queuing Theory, Journal of Mechanical Engineering - Strojniški Vestnik, University of Ljubljana, Faculty of Mechanical Engineering, Ljubljana, Vol. 57, No. 5, 2011. pp. 405-416. (ISSN: 0039-2480 IF=0,398(2011))			
5	Gerasimovic, M., Stanojevic, L., Bugaric, U., Miljkovic, Z., Veljovic, A.: Using artificial neural networks for predictive modeling of graduates' professional choice, New Educational Review, Vol. 23, No. 1, 2011, pp. 175–188. (ISSN: 1732-6729 IF=0,075(2011))			
6	Miljković, Z., Gerasimović, M., Stanojević, Lj., Bugarić, U., Using Artificial Neural Networks to Predict Professional Movements of Graduates, Croatian Journal of Education, Vol. 13, No. 3, 2011. pp. 117-141. (ISSN: 1846-1204 IF=0,220(2011))			
7	Bugarić, U., Vuković, J., Petrović, D., Jeli, Z., Petrović, Z.: Optimization of the unloading bridge working cycle, Journal of Mechanical Engineering - Strojniški Vestnik, University of Ljubljana, Faculty of Mechanical Engineering, Ljubljana, Vol. 55, No. 1, 2009. pp. 55-63. (ISSN: 0039-2480 IF=0,533(2009))			
8	Bugarić, U., Petrović, D.: Increasing the capacity of terminal for bulk cargo unloading, Simulation Modelling Practice and Theory, Elsevier, Vol. 15, No. 10, 2007, pp. 1366-1381. (ISSN: 1569-190X IF=0,375(2007))			
9	Vukovic, J., Bugaric, U., Glišić, D., Petrovic, D.: Optimization of the working cycle of harbour cranes, Journal of theoretical and applied mechanics, Vol. 45, No. 1, Warsaw, 2007, pp. 147-159. (ISSN: 1429-2955 Science Citation Index – expanded)			
10	Bugarić, U., Vuković, J., Jeli, Z.: Optimalnoe upravljenie dvizheniem system, analogičnih matematičeskemu majatniku peremennoi dlini, Vestnik Mašinostroenia, No. 5, Moskva 2006, pp. 40-45.			
11	Bugarić, U., Petrović, D.: Modelling and Simulation of Specialized River Terminals for Bulk Cargo Unloading with Modeling of the Elementary Sub-Systems, Systems analysis Modeling Simulation, Taylor & Frensis, Vol. 42, No. 10, London, 2002, pp. 1455-1482.			
12	Živanić, D., Milošević, M., Pajčin, M., Bugarić, U., Petrović, D., Petrović, Z.: Defining the Elasticity Elimination Mechanism of Multiple Rocket Launcher Vehicle, FME Transactions, New Series Vol. 39, No. 4, Faculty of Mechanical Engineering Belgrade, Belgrade, 2011. pp. 171-175.			
13	Petrović, D., Bugarić, U., Petrović, Z.: High-bay warehouse analysis based on influence of stochastic parameters, FME Transactions, New Series Vol. 37, No. 1, Faculty of Mechanical Engineering Belgrade, Belgrade, 2009. pp. 39-46.			
14	Bugarić, U., Vuković, J.: Optimal control of motion of the system based on mathematical pendulum with constant length, FME Transactions, New Series Vol. 30, No. 1, Faculty of Mechanical Engineering Belgrade, Belgrade, 2002.			

15	Zrnić, Đ., Bugarić, U.: The influence of non-stationary state on the bulk-cargo terminal operation, Transactions, FME, Belgrade, Vol. XXIII, 2/94, Belgrade, 1994, pp. 16 - 21.
16	Zrnić, Dj., Bugarić, U.: Change of working parameters of bulk cargo unloading system in non-stationary regime of work, Tehnika, XLIX, 12., Belgrade, 1994, pp. M1 - M6. (in Serbian)
17	Bugaric, U., Petrovic, D.: Servicing systems modelling, Faculty of mechanical engineering Belgrade, Belgrade, 2011. (ISBN 978-86-7083-749-2 in Serbian) (textbook)
18	Bugaric, U.: Methodology for analysis of single position machines work, Zaduzbina Andrejevic, Belgrade, 2003. (ISBN 86-7244-369-1 in Serbian) (monograph)
19	Bugarić, U., Tošić, S., Vuković, J., Brkić, A.: Optimization of Elevator Regimes of Movement, 11th World Congress in Mechanism and Machine Science IFToMM 2003, Tianjin, 2004.
20	Zrnić, Đ., Bugarić, U., Vuković, J.: The optimization of moving cycle of grab by unloading bridges, 9th World Congress on the Theory of Machines and Mechanisms, Milano, Italy, 1995, pp. 1001-1005.

Summary of teacher's scientific activities

The total number of citations	32	The number of national projects in which the teacher is currently engaged	2
papers published in the SCI (SSCI) journals	9	The number of international projects in which the teacher is currently engaged	

Advanced professional training

Other information considered relevant

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name			Vasić-Milovanović I Aleksandra	
Academic rank			Associated Professor	
Particular scientific field			Technical physics	
Academic career				
		Date	Institution	Field
Promotion		29.03.2008.	Faculty of Mechanical Engineering	Technical physics
Ph.D. degree		05.2002.	Faculty of Electrical Engineering	Electrotechnics
M.Sc. Degree		07.1999.	Faculty of Electrical Engineering	Electrotechnics
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2008	2012	Research and development of gas permeable nanophotonic contact lenses based on polymethyl methacrylate and fullerenes	Dragomir Stamenković
2	2012		Optical noninvasive transcutaneous measurements of blood glucose concentration	Jelena Munćan
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	A. Vasic, M. Vujisic, K. Stankovic, and P. Osmokrovic, Characterization of Thin Films for Solar Cells and Photodetectors and Possibilities for Improvement of Solar Cells Characteristics, Solar Cells/Book 3 (2011), ISBN 978-953-307-747-5, http://www.intechweb.org/ , IN-TECH open acces publisher, Vienna, pp. 275-298			
2	K. Stankovic, P. Osmokrovic, C. Dolicanin, M. Vujisic and A. Vasic, Time Enlargement Law for gas pulse breakdown, Plasma Source, Science & Technology, Vol. 18, No.2 (2009), 025028 (12pp), Online at stacks.iop.org/PSST/18/025028 [IF: 2.685]			
3	M. Zdravkovic, A.Vasic, R. Radosavljevic, M. Vujisic, K. Stankovic and P. Osmokrovic, Influence of Radiation on the Properties of Solar Cells, Nuclear Technology & Radiation Protection, Vol.26, No.2, (2011), pp.158-163, ISSN 1451-3994, Nuclear Society of Serbia, http://ntrp.vin.bg.ac.rs , [IF: 1.159]			
4	R.Radosavljević, A. Vasić, Effects of radiation on solar cells as photovoltaic generators, Nuclear Technology & Radiation Protection, Vol.XXVII, No.1, (2012), pp.28-32, ISSN 1451-3994, Nuclear Society of Serbia, http://ntrp.vin.bg.ac.rs , [IF: 1.159]			
5	A. Vasić, P. Osmokrović, M. Vujisić, Č. Dolićanin, K. Stanković: Possibilities of improvement of silicon solar cell characteristics by lowering noise, Journal of Optoelectronics and Advanced Materials, Vol. 10, No 10 (2008), pp. 2800-2804, ISSN 1070-9789, izdavač: Holy Grail, http://inoe.inoe.ro/joam [IF: 0.827]			
6	M.Vujisić, K. Stanković, A. Vasić, Comparison of Gamma Ray Effects on EPROMs and E2PROMs, Nuclear Technology & Radiation Protection, Vol. XXIV, No. 1, (2009), pp.61-67, ISSN 1451-3994, Nuclear Society of Serbia, editor: dr Rodoljub Simović, http://ntrp.vin.bg.ac.rs , [IF: 0.706]			
7	K. Kovačević-Markov, A. Vasić, K. Stanković, M. Vujisić, P. Osmokrović: Novel trends in improvement of solar cell characteristics, Radiation Effects and Defects in Solids: Incorporating Plasma Science and Plasma Technology, Vol. 166, No. 1 (2011), pp. 8-14, DOI: 10.1080/10420150.2010.503963, ISSN 1042-0150, http://dx.doi.org/10.1080/10420150.2010.503963 [IF: 0.660]			
8	S.J. Stankovic, R.D. Ilic, K.S. Jankovic, A.Vasic-Milovanovic, B. Loncar: Characterization of New Structure for Silicon Carbide X-Ray Detector by Method Monte Carlo, ACTA PHYSICAPOLONICA A, Vol 119, No. 2 (2011), pp.252-255, ISSN: 0587 4246, http://www.scimagojr.com [IF: 0.467]			
9	B. Lončar, P. Osmokrović, M. Vujisić, A. Vasić: Temperature and radiation hardness of polycarbonate capacitors, Journal of Optoelectronics and Advanced Materials, Vol. 9, No. 9 (2007), pp. 2863-2867, ISSN 1070-9789, izdavač: Holy Grail, http://inoe.inoe.ro/joam			
10	P. Osmokrović, M. Vujisić, K. Stanković, A. Vasić, B. Lončar: Mechanism of electrical breakdown of gases for pressure from 10-9 to 1 bar and inter-electrode gaps from 0.1 to 0.5mm, Plasma Sources Science and Technology, Vol. 16, (2007), pp. 643-655, ISSN 0963-0252, izdavač: IOP Publishing, http://www.iop.org/EJ/journal/PSST			
11	A. Vasić, M. Vujisić, B. Lončar, P. Osmokrović: Aging of solar cells under working conditions, Journal of Optoelectronics and Advanced Materials, Vol. 9 , No. 6 (2007), pp. 1843-1846, ISSN 1070-9789, izdavač: Holy Grail, http://inoe.inoe.ro/joam			
12	P. Osmokrović, T. Živić, B. Lončar, A. Vasić: The validity of the similarity law for electrical breakdown of SF6 gas, IEEE Transactions on Plasma Science, Vol. 35, No. 1 (2007), pp. 100-109, ISSN 0093-3813, editori: S.J.Gitomer, izdavač: IEEE Nuclear and Plasma Sciences Society, http://www.ieeetps.org			

13	S. Stanković, R. Ilić, P. Osmokrović, B. Lončar, A. Vasić: Computer simulation of gamma irradiation energy deposition in MOSFET dosimeters, IEEE Transactions on Plasma Science, Vol. 34, No. 5 (2006), pp. 1715-1718, ISSN 0093-3813, editori: S.J.Gitomer, izdavač: IEEE Nuclear and Plasma Sciences Society, http://www.ieeetps.org		
14	P. Osmokrović, T. Živić, B. Lončar, A. Vasić: The validity of the general similarity law for electrical breakdown of gases, Plasma Sources Science and Technology, Vol. 15, No. 4 (2006), pp. 703-713, ISSN 0963-0252, izdavač: IOP Publishing, http://www.iop.org/EJ/journal/PSST		
15	B.Lončar, P. Osmokrović, A. Vasić, S. Stanković: Influence of gamma and X radiation on gas-filled surge arrester characteristics, IEEE Transactions on Plasma Science, Vol. 34, No. 4 (2006), pp. 1561-1565, ISSN 0093-3813, editori: S.J.Gitomer, izdavač: IEEE Nuclear and Plasma Sciences Society, http://www.ieeetps.org		
16	P. Osmokrović, A. Vasić, M. Vujisić: The Influence of the Low-voltage Capacitor Dielectric Materials on the Capacitive Probe Response in Nanosecond Range, Journal of Optoelectronics and Advanced Materials, Vol. 8, No. 1 (2006), pp. 319-323, ISSN 1070-9789, izdavač: Holy Grail, http://inoe.inoe.ro/joam		
17	P. Osmokrović, A. Vasić, T. Zivić: The influence of the electric field shape on the gas breakdown under low pressure and small inter-electrode gap conditions, IEEE Transactions on Plasma Science, Vol. 33, No. 5 (2005), pp. 1677-1681, ISSN 0093-3813, editori: S.J.Gitomer, izdavač: IEEE Nuclear and Plasma Sciences Society, http://www.ieeetps.org		
18	P. Osmokrović, A. Vasić: Anomalous Paschen effect, IEEE Transactions on Plasma Science, Vol. 33, No. 5 (2005), pp. 1672-1676, ISSN 0093-3813, editori: S.J.Gitomer, izdavač: IEEE Nuclear and Plasma Sciences Society, http://www.ieeetps.org		
19	M.Stojanović, A.Vasić, and C.Jeynes: Ion implanted silicides studies by frequency noise level measurements, Nuclear Instruments and Methods B, 112 (1996), p. 192-195, ISSN 0168-583X, izdavač: Elsevier Science, http://www.scientificdirect.com/science/journal/0168583x		
20	M.Stojanović, C.Jeynes, N.Bibić, M.Milosavljević, A.Vasić, and Z.Milošević: Frequency noise level of As ion implanted TiN-Ti-Si structures, Nuclear Instruments and Methods B, 115 (1996), p. 554-556, ISSN 0168-583X, izdavač: Elsevier Science, http://www.scientificdirect.com/science/journal/0168583X		
Summary of teacher's scientific activities			
The total number of	32	The number of national projects in which the teacher	2
The total number of	30	The number of international projects in which the	
Advanced professional training			
Other information considered relevant			
Previous engagement in the international projects (TEMPUS, no. CD JEP – 16123 – 2001 од 15.4.2002.-15.4.2005)			

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Žunjić G. Aleksandar	
Academic rank		Associate professor	
Particular scientific field		Industrial engineering	
Academic career			
	Date	Institution	Field
Promotion	06.06.2011.	University of Belgrade, Faculty of Mechanical	Industrial engineering -
Ph.D. degree	09.12.2005.	University of Belgrade, Faculty of Mechanical	Industrial engineering -
M.Sc. Degree	22.05.1995.	University of Belgrade, Faculty of Mechanical	Industrial engineering -
The list of doctoral theses that are being mentored or have been mentored for the last 10 years			
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Ph.D. candidate
1	2006	2010	Svetozar Sofijanić
2	2012		Vladimir Sremčević
Relevant papers published in scientific SCI journals (at least 5, no more than 20)			
1	Milanovic D D., Klarin M., Misita M., Milanovic Lj D. and Zunjic A., 2009, Identification of invariant factors that determine labour output on the production line, Proceedings of the Institution of Mechanical Engineers, Part B, Journal of Engineering Manufacture, Vol. 223 (Iss. 12), p. 1615-1625, London.		
2	Klarin M., Spasojevic-Brkic V., Sajfert Z., Zunjic A. and Nikolic M., 2009, Determination of passenger car interior space for foot controls accomodation, Proceedings of the Institution of Mechanical Engineers, Part B, Journal of Engineering Manufacture, Vol. 223, (No D12), p. 1529-1547, London.		
3	Milanovic Lj D., Milanovic D D., Misita M., Klarin M. and Zunjic A., 2010, Universal equation for the relative change in profit of manufacturing company, Production Planning and Control, Vol. 21 (Iss. 8), p. 751-759, Taylor and Francis.		
4	Lukic M P., Sasic M R., Loncar B B. and Zunjic G A., 2011, Analytical model of SiC DIMOSFET's drift region voltage impact on current-voltage characteristics, Optoelectronics and advanced materials - rapid communications, Vol. 5 (No.5), p. 551-554, INOE Publishing House.		
5	Zunjic A., Sremcevic V., Sijacki Zeravcic V. and Sijacki A., 2012, Research of injuries of passengers in city buses as a consequence of non-collision effects, Work, Vol. 41 (No. S1), p. 4943-4950, IOS Press.		
6	Zunjic A., Ristic Lj. and Milanovic D D., 2012, Effects of screen filter on visibility of alphanumeric presentation on CRT and LCD monitors, Work, Vol. 41 (No. S1), p. 3553-3559, IOS Press.		
7	Zunjic A., 2012, SCANAM method for the assessment of industrial noise, Work, Vol. 41 (No. S1), p. 3553-3559, IOS Press.		
8	Zunjic A., Milanovic D D., Milanovic Lj D., Misita M. and Lukic P., 2012, Development of a tool for assessment of VDT workplaces – A case study, International Journal of Industrial Ergonomics, Vol. 42 (Iss. 6), p. 581-591, Elsevier.		
Summary of teacher's scientific activities			
The total number of citations	8	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the	8	The number of international projects in which the teacher is currently engaged	2
Advanced professional training			
Other information considered relevant			

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Zrnić, Đ, Nenad		
Academic rank		Associate Professor		
Particular scientific field		Mechanical Engineering - Material Handling, Constructions and Logistics		
Academic career				
		Date	Institution	Field
Promotion		15.03.2009.	University of Belgrade, Faculty of Mechanical Engineering	Mechanical Engineering
Ph.D. degree		22.04. 2005.	University of Belgrade, Faculty of Mechanical Engineering	Mechanical Engineering
M.Sc. Degree		20.07. 1992.	University of Belgrade, Faculty of Mechanical Engineering	Mechanical Engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2006	2012	Dynamic interaction between the structure and a trolley	Vlada Gašić

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Bošnjak, S., Arsić, M., Zrnić, N. , Rakin, M., Pantelić, M.: Bucket wheel excavator: Integrity assessment of the bucket wheel boom tie-rod welded joint, Engineering Failure Analysis, Vol. 18, issue 1, pp. 212-222, 2011. (кат. M21)
2	Bošnjak, S., Pantelić, M., Zrnić, N. , Gnjatović, N., Đorđević, M: Failure analysis and reconstruction design of the slewing platform mantle of the bucket wheel excavator O&K SchRs 630, Engineering Failure Analysis, Vol. 18, issue 2, pp. 658-669, 2011. (кат. M21)
3	Arsić, M., Bošnjak, S., Zrnić, N. , Sedmak, A., Gnjatović, N.: Bucket wheel failure caused by residual stresses in welded joints, Engineering Failure Analysis, Vol. 18, issue 2, pp. 700-712, 2011. (кат. M21)
4	Bošnjak, S., Petković, Z., Zrnić, N. , Pantelić, M., Obradović, A.: Failure analysis and redesign of the bucket wheel excavator two-wheel bogie, Engineering Failure Analysis, Volume 17, Issue 2, pp. 473-485, 2010. (кат. M22)
5	Bošnjak, S., Zrnić, N. , Simonović, A., Momčilović, D.: Failure analysis of the end eye connection of the bucket wheel excavator portal tie-rod support, Engineering Failure Analysis, Vol. 16, issue 3, pp. 740-750, 2009. (кат. M22)
6	Bošnjak, S., Petković, Z., Zrnić, N. , Simić, G., Simonović, A.: Cracks, repair and reconstruction of bucket wheel excavator slewing platform, Engineering Failure Analysis, Vol. 16, issue 5, pp. 1631-1642, 2009. (кат. M22)
7	Bošnjak, S., Zrnić, N. : Dynamics, Failures, Redesigning and Environmental Friendly Technologies in Surface Mining Systems, Archives of Civil and Mechanical Engineering, doi: 10.1016/j.acme.2012.06.009, 2012. (кат. M22)
8	Zrnić, N. , Bošnjak, S.: Comments on "Modeling of system dynamics of a slewing flexible beam with moving payload pendulum", Mechanics Research Communications, Vol. 35, issue 8, pp. 622-624, 2008. (кат. M22)
9	Dragović, B., Park, N-K., Zrnić, N. , Meštrović, R.: Mathematical Models of Multiserver Queuing System for Dynamic Performance Evaluation in Port, Mathematical Problems in Engineering, ISSN 1563-5147, Vol. 2012, Article ID 710834, p. 19, doi:10.1155/2012/710834, 2012. (кат. M22)
10	Zrnić, N. , Bošnjak, S., Hoffmann, K.: Parameter sensitivity analysis of non-dimensional models of quayside container cranes, Mathematical and Computer Modelling of Dynamical Systems, Vol. 16, No. 2, pp. 145-160, 2010. (кат. M23)
11	Bošnjak, S., Zrnić, N. , Dragović, B.: Dynamic Response of Mobile Elevating Work Platform under Wind Excitation, Strojniški vestnik - Journal of Mechanical Engineering, Vol. 55, issue 2, pp. 104-113, 2009. (кат. M23)
12	Zrnić, N. , Hoffmann, K., Bošnjak, S.: Modelling Of Dynamic Interaction between Structure and Trolley for Mega Container Cranes, Mathematical and Computer Modelling of Dynamical Systems, ISSN 1387-3954, Vol. 15, No. 3, 295-311, 2009. (кат. M23)
13	Gašić, V., Zrnić, N. , Rakin, M.: Consideration of a Moving mass Effect on Dynamic behaviour of a Jib Crane Structure, Tehnički Vjesnik - Technical Gazette, ISSN 1330-3651, Vol. 19, No. 1, 115-121, 2012. (кат. M23)

Summary of teacher's scientific activities

The total number of citations	SCOPUS: 66; WoS: 10	The number of national projects in which the teacher is currently engaged	1
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papers published in the SCI (SSCI) journals	13	The number of international projects in which the teacher is currently engaged	1
Advanced professional training			
Other information considered relevant			
Yearly award of the Belgrade Chamber of Economy for PHD thesis: 2005.			
Yearly award of the Belgrade Chamber of Economy for the realized project: 2010. године			
Membership upon invitation in the European association of professors of intralogistics and IFToMM TC for Transportation Machinery			
Associate Editor of the Journal Analele of the Univeristy Eftimie Murgu Resita (Romania), member of editorial board of the Bulgarian scientific journal Българско списание за инженерно проектиране, co-editor of the Proceedings of international conference MHCL'06, MHCL'09 и MHCL'12, and special issues of the journal FME Transactions dedicated to MHCL conferences, member of scientific committee MHCL (co-president and president of organization committee), CAD (Poland), DEMI (BiH), ICoVP (Portugal).			
Visiting Professor University of Montenegro, Maritime Faculty, 2009-2011.			
Reviewer of journals: Mechanics Research Communications, Mechatronics, Engineering Failure Analysis, Journal of Cleaner Production, Archives of Civil and Mechanical Engineering (Elsevier, SCI), Nonlinear Dynamics (Springer, SCI), Mathematical and Computer Modelling of Dynamical Systems (Taylor & Francis, SCI), Natural Hazards and Earth System Sciences (SCI листи), Scientific Research and Essays (SCI), Technical Gazette (SCI), FME Transactions, WSEAS Transactions on Systems, as well as reviewer in many conferences such as IFToMM World Congress, IEEE RAM, DEMI, etc.			

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Ilić, T, Jelena		
Academic rank	Associate professor		
Particular scientific field	Technical physics		
Academic career			
	Date	Institution	Field
Promotion	19.05.2008	Faculty of mechanical engineering of the University of Belgrade	Technical physics
Ph.D. degree	15.07.2002	Faculty of electrical engineering of the University of Belgrade	Electrotechnics - Technical physics
M.Sc. Degree	22.04.1996	Faculty of electrical engineering of the University of Belgrade	Electrotechnics - Technical physics

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
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Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	J.Ilić, M.Srećković, S.Ristić, „Laser Light Scattering in Spray System Control“, Mat. Sci. Forum, Trans. Tech. Publications, Vol. 413, (2002) pp. 191-196, ISSN 0255-5476 (IF 2002: 0,613) http://www.scientific.net/0-87849-904-0/191/
2	J.Ilić, M.Srećković, „The presence and the differentiation of the scattering mechanisms in PDA systems with respect to the particle size and the position of its trajectory“, Laser Physics Vol. 13, No. 12, (2003) pp.1519-1523, ISSN print: 1054-660X, ISSN electronic: 1555-6611 (IF 2003: 0,765) http://www.maik.ru/abstract/lasphys/3/lasphys12_3p1519abs.htm
3	M.Srećković, Ž.Tomić, S.Ostojić, J.Ilić, N.Bundaleski, R.Sekulić, V.Mlinar, „The Application of Laser Beam Diffraction and Scattering Methods in the Measurement of Shape and Determination of Material Parameters“, Laser in Eng., Vol. 17, No. 3-4, (2007) pp. 179-196, ISSN 0898-1507 (IF 2007: 0,188) http://www.oldcitypublishing.com/LIE/LIE.html ; http://www.oldcitypublishing.com/LIE/LIE%2017.3-4%20abstracts/SREC.html .
4	M.Srećković, J.Ilić, A.Kovačević, S.Pantelić, Z.Latinović, N.Borna, V.Čosović, „Models of interactions of laser beams with materials of interest for optical components and provoked damages“, Acta Physica Polonica A, Vol. 112, No.5, (2007), pp. 935-940, ISSN 0587-4264 (IF 2007: 0,340) http://przyrbwn.icm.edu.pl/APP/PDF/112/a112z533.pdf
5	J.Ilić, Đ.Čantrak, M.Srećković, „Laser Sheet Scattering and Cameras' Positions in Particle Image Velocimetry“, Acta Physica Polonica A, Vol. 112, No.5, (2007), pp. 1113-1118, ISSN 0587-4264 (IF 2007: 0,340) http://info.ifpan.edu.pl/APP/ http://przyrbwn.icm.edu.pl/APP/PDF/112/a112z563.pdf .
6	M.Srećković, J.Ilić, M.Davidović, B.Đokić, Ž.Tomić, Z.Latinović, D.Družijanić, „Laser Interaction with Material - Theory, Experiments and Discrepancies“ Acta Physica Polonica A, Vol. 116, No.4, (2009), pp. 618-621, ISSN 0587-4246 (IF 2009: 0,433) Cover page: http://info.ifpan.edu.pl/APP/index.html , Paper: http://przyrbwn.icm.edu.pl/APP/PDF/116/a116z451.pdf
7	Z.Fidanovski, M.Srećković, S.Ostojić, J.Ilić, M.Merkle, The interpretation of the intensity of components of laser scattering by interaction with matter, Phys. Scr., Vol. 2012, T149, (2012) art. no. 014016, ISSN 0031-8949 (Print), ISSN 1402-4896 (Online) (IF 2011: 1,204) http://iopscience.iop.org/1402-4896/2012/T149/014016/pdf/1402-4896_2012_T149_014016.pdf

Summary of teacher's scientific activities

The total number of citations	2	The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	7	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant
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Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Jovović, M., Aleksandar		
Academic rank		Full professor		
Particular scientific field		Process engineering		
Academic career				
		Date	Institution	Field
Promotion		17.10.2012.	University of Belgrade, Faculty of Mechanical Engineering	Process engineering
Ph.D. degree		14.06.2002.	University of Belgrade, Faculty of Mechanical Engineering	Process engineering
M.Sc. Degree		04.05.1992.	University of Belgrade, Faculty of Mechanical Engineering	Process engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2009	2011	Exergy flow analysis of autothermal systems for biomass gasification	Раде Карамарковић
2	2009	2012	Management of recycables from municipal solid waste	Зоран Јањуш
3	2011	in the proceeding	Utilisation of waste heat in HVAC	Александра Сретеновић
4	2009	in the proceeding	Biomass produced from trace metal phytoremediation as an energy source	Владица Чудић
5	2011	in the proceeding	Optimization of exergy flows of dolomite calcination in the rotary kiln	Миљан Марашевић
6	2012	in the proceeding	Corelation of industrial and energy air pollution and air quality in some region of RS	Марко Симић

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Tucaković, D., Stevanović, V., Živanović, T., Jovović, A., Ivanović, V., Thermal-hydraulic analysis of a steam boiler with rifled evaporating tubes, Applied Thermal Engineering, Vol. 27, No. 2-3, p. 509-519, 2007, IF 0,77 (za 2005. godinu), ISSN 1359-4311 (M21)
2	Stanojević, M., Radić, D., Jovović, A., Pavlović, M., Karamarković, V.: The influence of variable operating conditions on the design and exploitation of flu ash pneumatic transport systems in thermal power plants, Brazilian Journal of Chemical Engineering, Vol. 25, No. 04, p. 789-797, 2008., IF 0,475 (za 2008. godinu), ISSN 0104-6632. (M23)
3	Stanojević, M., Jovović, A., Radić, D., Pavlović, M.: Oxygen transfer efficiency of the aeration process in refinery waste water treatment, Revista de Chimie, Vol. 59, No. 2, p. 200-224, Suscom 18, 2008, IF 0,389 (za 2008. godinu), ISSN 0034-7752. (M23)
4	Jovović A., Kovačević Z., Radić D., Stojiljković D., Obradović M., Todorović D., Stanojević M.: The emission of particulate matters and heavy metals from cement kilns – case study: co-incineration of tires in Serbia, Chemical Industry & Chemical Engineering Quarterly Vol. 16, No. 3, pp. 213–217, 2010. (IF2010=0.580), DOI: 10.2298/CICEQ090902010J, ISSN 1451-9372. (M23)
5	Đurić, S., Stanojević, P., Đaković, D., Jovović, A., Study on the effect of fractional composition and ash particle diameter on ash collection efficiency at the electrostatic precipitator, Chemical Industry & Chemical Engineering Quarterly CI&CEQ (2010) vol. 16, No. 3, pp. 229-236, 2010., (IF2010=0.580), DOI:10.2298/CICEQ091026016D, ISSN 1451-9372 (M23)
6	Jovović, A., Vujić, G., Pavlović, M., Radić, D., Jevtić, D., Stanojević, M.: Spountaneous Ignition/Low Temperature Oxidation of Municipal Solid Waste, Revista de Chimie, Vol. 62, No. 1, p. 108-112, 2011, (ИФ2010=0,693), ISSN 0034-7752 (M23)
7	Klarin, M., Milanović, D.D., Misita, M., Spasojević-Brkić, V., Jovović, A.: A method to assess capacity utilisation in short cycle functional layouts, Journal of process mechanical engineering, part E, (2010) vol. 224, No E1, 49-58 (IP 0,520 za 2010), doi: 10.1243/09544089JPME280, ISSN 0954-4089. (M23)
8	Radić, D., Obradović, M., Stanojević, M., Jovović, A., Stojiljković, D.: A Study of the Grindability of Serbian Coal, Thermal Science, Vol. 15 (2011), No 1, 2011 (ИФ2010=0,706 M23), ISSN 0354-9836, DOI: 10.2298/TSCI1101269R. (M23)

9	Petrović, A., Balać, M., Jovović, A., Dedić, A, Oblique nozzle loaded by the torque moment-stress state in the cylindrical shells on the pressure vessel, PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, (2012), vol. 226 br. C3, str. 567-575, (IF 0,451) (за 2010. годину), ISSN 0954-4062, 10.1177/0954406211415907 (M23)
10	Životić, M., Stojiljković, D., Jovović, A., Čudić, V., Могућност коришћења пепела и шљаке са депоније термоелектране „Никола Тесла“ као отпада са употребном вредношћу (Potential usage of fly and bottom ash from thermal power plant "Nikola Tesla" landfill, Serbia), Hemijska industrija, 2012 OnLine-First (00):95-95, DOI:10.2298/HEMIND110905095Z (M23)
11	Skreiberg, Ø., Todorović, D., Becidan, M., Khalil, R., Backman, R., Goile, F., Skreiberg, A., Jovović, A., Sørum, L., Ash related behaviour in staged and non-staged combustion of biomass fuels and fuel mixtures, Biomass and Bioenergy, vol. 41, p. 86-93 (IF 3,840) (за 2010. годину), 2012 (M21)
12	Houshfar, E., Skreiberg, Ø., Todorović, D., Skreiberg, A., Løvås, T., Jovović, A., Sørum, L., NOx emission reduction by staged combustion in grate combustion of biomass fuels and fuel mixtures, Fuel, vol. 98, p. 29-40, 2012 (IF 3,602) (за 2010. годину), 2012. (M21)
13	Čudić V., Kisić D., Stojiljković D., Jovović A: Ash from thermal power plants as secondary raw material, Archives of Industrial Hygiene and Toxicology, Vol. 58, No. 2, pp. 233-238, 2007

Summary of teacher's scientific activities

The total number of citations	8	The number of national projects in which the teacher is currently engaged	2
papers published in the SCI (SSCI) journals	13	The number of international projects in which the teacher is currently engaged	2

Advanced professional training

Other information considered relevant

Per-reviewer of journals:

1. Thermal Science (IF 0,706 за 2010. годину)
2. Fuel processing technology (IF 2,781 за 2010. годину)
3. hemijska industrija (Chemical industry) (IF 0,137 за 2010. годину)
4. Iranian Journal of Chemistry & Chemical Engineering (IJCCE) (IF 0,124 за 2010. годину)
5. Waste management (IF 2,358 за 2010. годину)
6. Chemical industry & chemical engineering quarterly (IF 0,580 за 2010. годину)
7. FME Transaction

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Lečić R. Milan		
Academic rank		Associate professor		
Particular scientific field		Fluid mechanics		
Academic career				
		Date	Institution	Field
Promotion		07.04.2009.	Faculty of Mechanical Engineering, University of Belgrade	Fluid mechanics
Ph.D. degree		18.07.2003.	Faculty of Mechanical Engineering, University of Belgrade	Fluid mechanics
M.Sc. Degree		12.07.1996.	Faculty of Mechanical Engineering, University of Belgrade	Fluid mechanics

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2010		Modeling and numerical simulation of turbulent swirling flows	Aleksandar Čočić

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Čantrak, S., Benišek, M., Nedeljković, M., Lečić, M. (2001) Problems of non-local turbulent transfer modelling. ZAMM, Vol.81, S4, S.913-914, Wiley-VCH, Berlin, Deutschland.
2	Lečić M.R., Čantrak Đ. S., Čočić A. S., Banjac M. J., (2009) Piezoresistant velocity probe. EXPERIMENTAL TECHNIQUES, Vol. 33 br. 3, str. 73-79, Wiley, Inter Science
3	Milan R. Lečić, (2009) A new experimental approach to the calibration of hot-wire probes, Flow Measurement Instrumentation, Vol. 20, Issue 3, Jun 2009, pp. 136-140.
4	Milos Banjac, Mirjana Stamenic, Milan Lecic and Milan Stakic: "Size distribution of agglomerates of milk powder in wet granulation process in a vibro-fluidized bed" , Vol.26, No. 03, pp. 515-525, July-September 2009, Brazilian Journal of Chemical Engineering.
5	Miroslav H. Benišek, Milan R. Lečić, Dejan B. Ilić and Đorđe S. Čantrak, (2010) Application of new classic probes in swirl fluid flow measurements. EXPERIMENTAL TECHNIQUES, vol. 34 br. 3, pp. 74-81 Wiley, Inter Science
6	Milan R. Lečić, Aleksandar S. Čočić, Svetislav M. Čantrak, (2011) Original measurement and calibration equipment for investigation of turbulent swirling flow in circular pipe. EXPERIMENTAL TECHNIQUES. (Paper accepted for publication)
7	Milan R. Lečić (2012) The structure and statistical properties of turbulent swirl flow in a straight pipe. Faculty of Mechanical Engineering, University of Belgrade. Monograph is approved for publication by the Dean`s decision number 207/12, 21. 06. 2012. ISBN 978-86-7083-760-7.
8	Lečić M., Radojević S., Čantrak Đ. and Čočić A. (2007) V-type Hot Wire Probe Calibration. FME Transactions, University of Belgrade, Faculty of Mechanical Engineering, Belgrade, New Series, Vol.35, Number 2, pp. 55-62., UDC:621,YU ISSN 1451-2092.
9	A. Čočić, M. Lečić and S. Čantrak (2009) Investigation of Structure of Turbulent Flow in Circular Pipe With Sudden Area Contraction by Use of Invariant Theory and Numerical Simulations, CMFF09, The 14th International Conference on Fluid Flow Technologies, Budapest, Hungary, sept. 2009, Conference Proceedings, Vol. II, p.436-442.
10	Đ. S. Čantrak, N. Z. Janković, M. S. Nedeljković, M. R. Lečić, (2012) Stereo PIV and LDA measurement at the axial fan outlet, International Symposium on Flow Visualization, June 2012., Minsk, Belarus, CD-ROM, ISBN 978-985-6456-75-9, ISFV15-072-S16.
11	Lečić M., Čantrak S., Čočić A., Pavlović M. and Milićev S. (2006-2008) A portable wind tunnel open type for calibration anemometer hot wire probes. Faculty of Mechanical Engineering, University of Belgrade.
12	Vukoslavčević P., Čantral S., Benišek M. and Lečić M. (2006-2008) Unique V hot wire probe for measuring the velocity of swirl flow in straight pipes, Faculty of MEchanical Engineering, University of Belgrade.
13	Lečić M., Kokotović B. and Čantrak Đ. (2006-2008) Universal device for repairing anemometer hot wire probes, Faculty of Mechanical Engineering, University of Belgrade.
14	Lečić M., Radojević S., Čočić A., Čantrak Đ. and Janković N. (2008-2010) Software for calibration and measurement by HWA. Faculty of Mechanical Engineering, University of Belgrade.

15	Lečić M. (1992) The stability of electrically conducting fluid flow, which flows between parallel plates in the presence of complex magnetic fields. Proceedings: III International Symposium Contemporary Problems of Fluid Mechanics,
16	Čantrak S. and Lečić M. (1993) Modeling calculations of turbulent flows in which turbulent transfer is intensified. Processing equipment, number 3-4, pp. 19-22, Belgrade.
17	Čantrak S., Vukašinović B. and Lečić M. (1995) Investigation of the mechanism of turbulent transfer in hydromechanical processes taking place in the field of centrifugal forces. Procesing equipment, number 3, pp. 21-26, Belgrade.
18	Čočić A., Guranov I., Lečić M., Numerical investigation of laminar flow in square curved duct with 90° bend, The International Congres of Serbian Society of Mechanics, Vlasina Lake, Serbia, July 2011., Proceedings p. 1275-1283.
19	Crnojević, C., Lečić, M. et Ašković, R. (1986) Sur une methode approchee et une solution analytique de la couche limite thermique laminare tridimensionnelle en regime non stationnaire pour des nombres de Prandtl arbitraires. Journal Yougoslave de mecanique theoretique et applique, 12, p. 17-24.
20	Čantrak S., Vukašinović B. und Lečić M. (1995) Über mathematische Modellierung der turbulenten Austauschprozesse. Bulletins for Applied Mathematics (BAM), p. 87-96, Budapest.

Summary of teacher's scientific activities

The total number of citations	0	The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	6	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

CISM - Summer school of fluid mechanics, Udine (1989.)

Other information considered relevant

October Award of the City of Belgrade for Diploma work

Award of Belgrade Chamber of Commerce for Ph.D. thesis

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Lukic, Milan, Petar		
Academic rank		Associate professor		
Particular scientific field		Electrical Engineering		
Academic career				
		Date	Institution	Field
Promotion		06. 12. 2010.	University in Belgrade, Faculty of Mechanical Engineering	Electrical Engineering
Ph.D. degree		04. 07. 2005.	University in Belgrade, Faculty of Electrical Engineering	Electrical Engineering, Microelectronics
M.Sc. Degree		21. 06. 1996.	University in Belgrade, Faculty of Electrical Engineering	Electrical Engineering, Electronics, Real Time Processing

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defense	Doctoral thesis title	Ph.D. candidate
1	2012		Modeling of Neuro-Mechanical Signals Caused by Controlled Electromagnetic Stimulation	Milan Milovanovic, MSc EE
2	2011		Investigation of Relations Between Optical Spectra and Color System Obtained by Digital Techniques on Biomaterials	Djordje Baljovic, MSc EE

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	P. M. Lukić, R. M. Ramović, R. M. Šašić: □Analytical model of electric field in heterojunction region of HFET structure□, Journal of Optoelectronics and Advanced Materials, Vol. 7, No. 3, pp. 1611. - 1617., June 2005., ISSN=1454-4164			
2	R. M. Šašić, P. M. Lukić, R. M. Ramović: □New analytical HFET I – V characteristics model□, Journal of Optoelectronics and Advanced Materials, Vol. 8, No. 1, pp. 324. - 328., February 2006., print ISSN=1454-4164 On-line ISSN=1841-7132			
3	Rifat M. Ramović, Rajko M. Šašić, Petar M. Lukić,: □Novel approach to the investigation of carriers' concentration in various semiconductor structures□, Journal of Optoelectronics and Advanced Materials, Vol. 8, No. 4, August 2006, pp. 1418. - 1423., print ISSN=1454-4164 On-line ISSN=1841-7132			
4	Rajko Šašić, Petar M. Lukić, Rifat M. Ramović, Stanko M. Ostojić: □Threshold voltage in MOSFETs and MODFETs as a problem of nonlinear dynamics□, Journal of Optoelectronics and Advanced Materials, Vol. 9, No. 9, September 2007, pp. 2703. - 2708., print ISSN=1454-4164 On-line ISSN=1841-7132			
5	R. Šašić, P. M. Lukić, S. M. Ostojić, R. M. Ramović: □Surface carriers' concentration dynamics caused by a small alternating applied voltage□, Journal of Optoelectronics and Advanced Materials, Vol. 10, No. 12, December 2008, (na sajtu: No. 12 December ili e-mail Popescu: No.11 October 2008,) pp. 3430. - 3435., print ISSN=1454-4164 On-line ISSN=1841-7132			
6	Rajko M. Sasic, Petar M. Lukic, Stanko M. Ostojic, Abedalkhem Alkoash: "The Influence of Quantum Effects on Spatial Distribution of Carriers in Surrounding-Gate Cylindrical MOSFETs", Journal of Optoelectronics and Advanced Materials, Vol. 12, ISS. 5, May 2010, pp. 1161.-1164.			
7	Rajko M. Sasic, Stanko M. Ostojic, Petar M. Lukic, Abedalkhem Alkoash: "An Improvement of Analytical I-V Model for Surrounding-Gate MOSFETs", Journal of Computational and Theoretical Nanoscience, Vol. 8, No 1, pp 47.- 50., 2011., ISSN 1546-1955			
8	Petar M. Lukic, Rajko M. Sasic, Boris B. Lončar, Aleksandar G. Žunjić: "Analytical Model of SiC DIMOSFET's Drift Region Voltage Impact on Current-Voltage Characteristics" (Article), Optoelectronics and Advanced Materials Rapid Communications, Vol. 5, No 5, pp. 551-554, May 2011.; ISSN 1842-6573			
9	Dušan B. Vasić, Petar M. Lukić, Vladan M. Lukić, Rajko M. Šašić: "Analytical Model of CNT FET current-voltage characteristics", Journal of Optoelectronics and Advanced Materials, Vol. 14, No. 1-2, January-February 2012, pp. 175.-181.			
10	R. Ramović, P. Lukić: □Surafce Density Analytical Model of Two-Dimensional Electron Gas in HEMT Structures□, Materials Science Forum titled PROGRESS IN ADVANCED MATERIALS AND PROCESSES, appeared at www.ttp.net, New titles page, Vol. No.453-454, pp. 27. - 32., published in May 2004. ISBN=0-87849-940-7, ISSN=0255-5476., Trans Tech Publications, Switzerland			
11	P. M. Lukić, R. M. Ramović, R. M. Šašić: □HEMT Carrier Mobility Analytical Model□, Materials Science Forum titled Current Research in Advanced Materials and Processes, Vol. 494, pp. 43. - 48., September 2005., ISBN=0-87849-971-7, ISSN=0255-5476, Trans Tech Publicatios, Switzerland			

12	P. M. Lukić, R. M. Ramović, Rajko M. Šašić: □Modeling and Investigation of SiGe Based MOSFET Structure Transport Characteristics□, Materials Science Forum titled Research Trends in Contemporary Materials Science, Vol. 555, pp. 101. – 106., 2007., ISBN=0-87849-441-3, ISSN=0255-5476, Trans Tech Publicatios, Switzerland
13	Rajko M. Šašić, P. M. Lukić: □Conduction Mechanism Based Model of Organic Field Effect Transistor Structure□, Materials Science Forum titled Research Trends in Contemporary Materials Science, Vol. 555, pp. 125. – 130., 2007., ISBN=0-87849-441-3, ISSN=0255-5476, Trans Tech Publicatios, Switzerland
15	Petar M Lukić: □Aproksimacioni model kvantnih efekata u HEMT strukturama□, Vinča Institut nuklearnih nauka Bilten, Vinca Institute of Nuclear Sciences Bulletin, Volumen 8, Number 1 – 4 (1 – 104), str. 70. – 76., December 2003, ISSN 0354-9097
16	Aleksandar M. Haber, Petar M. Lukić, Rajko M. Šašić: □Temperaturna zavisnost pokretljivosti nosilaca u analitičkom modelu strujno-naponskih karakteristika MOSFET strukture izrađene na bazi SiC□, Tehnika Novi materijali, Godina 16 – 2007., Broj 2, str. 1. – 6.
17	Vladan M. Lukić, Petar M. Lukić, Rajko M. Šašić: □Analitički modeli uticaja temperature na transkonduktansu i izlaznu konduktansu SiC MOSFET strukture□, Tehnika - Novi materijali 2009, vol. 18, br. 1, str. 15. – 20., 2009.
18	Vladan M. Lukić, Petar M. Lukić, Rajko M. Šašić: □Analitički model MIS strukture u elektronskim napravama□, Tehnika - Novi materijali 2010, vol. 19, br. 1, str. 15. – 19., 2010.
19	Petar Lukić, Aleksandar Žunjić: □Ergonomic and Electronic Designing of Muscle Stimulator□, FME Transactions, University of Belgrade, Facultu of Mechanical Engineering 2010.
20	Dušan B. Vasić, Petar M. Lukić, Vladan M. Lukić: □Strujno – naponske karakteristike CNT FETova□, Tehnika 1/2011, vol. 20, br. 1, str. 13. – 18., 2011.

Summary of teacher's scientific activities

The total number of citatio	44 with autocit	The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	14	The number of international projects in which the teacher is currently engaged	

Advanced professional training

оложен стручни испит прописан за дипломираног инжењера електротехнике.

Other information considered relevant

Depart. for Electronics, University in Belgrade, Faculty of Electrical Engineering

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Milanovic Lj. Dragan		
Academic rank	Associate Professor		
Particular scientific field	Industrial Engineering		
Academic career			
	Date	Institution	Field
Promotion	06.12.2010.	Faculty of Mechanical Engineering, University of Belgrade	Industrial Engineering
Ph.D. degree	17.05.1990.	Faculty of Security Studies, University of Belgrade	Management
M.Sc. Degree	25.03.1974.	Faculty of Traffic Engineering, University of Belgrade	Aviation

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2011	2012	COMPARATIVE ANALYSIS MODEL OF INVESTMENT ALTERNATIVES AS A FUNCTION OF INCREASING ENERGY	Zivko Ralic
2	2012		Modification of Approach to Project Management in Mechanical Equipment Installation Projects in Serbia	Dejan Randjic

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Ralic Z, Radojicic M, Nesic Z, Milanovic D D, Milanovic D Lj: Selection of Central Heating Systems with the Increase of the Energy Efficiency, METALURGIA INTERNATIONAL, vol. 17 №4, 2012, 201-208, (ISSN: 1582-2214; IF = 0,154).
2	Randjic D, Milanovic D Lj, Milanović D D, Misita M, Tadic D: Modification of project approach to mechanical equipment installation projects in Serbia, Metalurgia international, Vol. XVII, No. 3, 2012, 94 – 98 (ISSN: 1582-2214; IF = 0,154).
3	Ralic Z, Radojicic M, Nesic Z, Milanovic D D, Milanovic D Lj: Development of a model for optimization of central heating system selection, TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, Vol. 6, No. 2, 2011, 432–437, (ISSN: 1840-1503; IF =0,256).
4	Begovic D, Misita M, Milanović D D, Milanović D Lj: Industrial Engineering Methods in Management of Motor Vehicle Breakdowns Behaviour Analysis, FME Transactions, Volume 39 No 4, 2011, University of Belgrade, Faculty of Mechanical Engineering, pp. 191 – 194.
5	Milanović D Lj. , Milanović D D., Misita M, Klarin M, Zunjic A: Universal equation for the relative change in profit of manufacturing company, Production Planning & Control, Vol. 21, No. 8, December 2010, 751–759, 2010 (ISSN: 0953-7287; IF =0,603).
6	Milanović D Lj. , Milanović D D., Misita M: Application of ranking method in evaluation of engineering investment projects, International Journal of Industrial Engineering - Theory, Applications and Practice, Vol 17, No 4, 2010 (ISSN: 1072-4761; IF =0,203).
7	Milanović D Lj. , Milanović D D., Misita M: The Evaluation of Risky Investment Projects , FME Transactions, Volume 38 No 2, 2010, University of Belgrade, Faculty of Mechanical Engineering
8	Milanović D D, Misita M, Tadić D, Milanović D Lj: The Design of Hybrid System for Servicing Process Support in Small Business, FME Transactions, Volume 38 No 3, 2010,
9	Milanovic D D, Klarin M, Misita M, Milanovic D Lj, Zunjic A: Identification of invariant factors that determine labour output on the production line, Proceedings of the Institution of Mechanical Engineers, Part B, Journal of Engineering Manufacture, Vol. 223 Issue 12, p.1615-1625, London, UK, 2009. (ISSN:0954-4054; IF = 0,412)
10	Misita M., Stefanovic, M., Milanovic D.D., Tadic, D., Milanovic Lj.D., Nestic S., Organizational structure change support for manufacturing firms, management, Technics Technologies Education Management, 2013, Vol. 8, No.1, 2/3, ISSN: 1840-1503.

Summary of teacher's scientific activities

The total number of citations		The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	7	The number of international projects in which the teacher is currently engaged	

Advanced professional training

AQUIT Certified Expert - RBI/RCM (Certificate Nr. 839-41), Steinbeis University Berlin

Other information considered relevant

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Miloš V. Marko		
Academic rank	Associate Professor		
Particular scientific field	Machine Design		
Academic career			
	Date	Institution	Field
Promotion	2012	Univ. of Belgrade, Faculty of Mechanical Engineering	Machine Design
Ph.D. degree	2005	Univ. of Belgrade, Faculty of Mechanical Engineering	Aerospace
M.Sc. Degree	1995	Univ. of Belgrade, Faculty of Mechanical Engineering	Aerospace

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2009	currently in final phase	Contribution to Design Theory for an Actuator for Thrust Vector Control of Rocket Engine with Flexible Nozzle	Dragan Nauparac

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	V. Bozic, M. Milos: Effects of Oxidizer Particle Size on Propellants Based on Modified Polyvinyl Chloride, - Journal of Propulsion and Power, ISSN 0748-4658, DOI: 10.2514/2.5863, Vol. 17, number 5, pp. 1012-1016, September-October 2001.
2	Z. Stefanović, M. Miloš, I. Todić: Investigation of the Pressure Distribution in 2D Rocket Nozzle with Mechanical System for Thrust Vector Control (TVC), - Strojarstvo, Vol. 53, No. 4, pp. 287-292, 2011. UDK 532.517.2:623.463:519.62/.63 (ISSN 0562-1887)
3	M. Khan, I. Todić, M. Miloš, Z. Stefanović, Đ. Blagojević: Control of Electro-Mechanical Actuator for Aerospace Applications, - Strojarstvo, 2010., Vol. 52, No. 3, pp. 303-313, UDK 629.735.036.7:681.515.8 (ISSN 0562-1887)
4	D. Kalaba, A. Sedmak, Z. Radaković, M. Miloš: Thermomechanical modelling the resistance welding of PbSb alloy, - Thermal Science, 2010., Vol. 14, No. 2, pp. 437-450, DOI 10.2298/TSCI1002437K
5	R. Tomić, A. Sedmak, D. Čatić, M. Miloš, Z. Stefanović: Thermal Stress Analysis of a Hybride Structure With Cracks In The Matrix (Resin) Composite Material. - Thermal Science, 2011., Vol. 15, No. 2, pp. 559-563, DOI : 10.2298/TSCI1102559T
6	I. Ivanović , A. Sedmak , M. Miloš, A. Živković, M. Lazić: Numerical Study of Transient Three-Dimensional Heat Conduction Problem With a Moving heat source, - Thermal Science, 2011., Vol. 15, No. 1, pp. 257-266, DOI 10.2298/TSCI1101257I
7	T. Jovan, V. Lucanin, D. Milković, M. Miloš: Experimental Research of Characteristics of Modified Tube Absorbers of Kinetic Collision: Energy of Passenger Coaches, - Experimental Techniques, DOI 10.1111/j.1747-1567.2011.00800x (ISSN 0732-8818)

Summary of teacher's scientific activities

The total number of citations	15	The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	7	The number of international projects in which the teacher is currently engaged	1

Advanced professional training

Other information considered relevant

V. Bozic, M. Milos, Dj. Blagojevic, B. Jankovski: Examination of AP/KN Composite Propellant Thermal Wave Structure Under Steady-State Burning, - Monograph Advancements in Energetic Materials and Chemical Propulsion - New Propellant Formulations and Environmental Considerations, - Editors: Kenneth K. Kuo, Juan De Dios Rivera, - Begell House, Inc. 2007, ISBN-13:978-1-56700-239-3, ISBN-10:1-56700-239-0, pp 195-210

V. Bozic, I. Krakovsky, M. Milos: Analysis of Thermoplastic Propellants and Theirs Ingredients With DSC and TGA, - Monograph Advancements in Energetic Materials and Chemical Propulsion - Diagnostic Techniques In Chemical Propulsion And Energetic Materials, - Editors: Kenneth K. Kuo, Keiichi Hori, - Begell House, Inc. 2008, - ISBN-978-1-56700-260-7, ISBN-1944-5563, pp 629-645

D. Nauparac, D. Prsic, M. Miloš: Design Criterion To Select Adequate Control Algorithm For Electro-Hydraulic Actuator Applied To Rocket Engine Flexible Nozzle Thrust Vector Control Under Specific Load, - FME Transactions, Mašinski fakultet, Beograd, 2012. YU ISSN 1451-2092, UDC 621

More than 60 successfully finished scientific projects in the field of aerospace and machine & process design

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Časlav B. Mitrović	
Academic rank		Associate Professor	
Particular scientific field		Engineering - Aviation	
Academic career			
	Date	Institution	Field
Promotion	09.07.2010.	Faculty of Mechanical Engineering-Belgrade	Aviation
Ph.D. degree	05.12.1997	Faculty of Mechanical Engineering-Belgrade	Aviation
M.Sc. Degree	11.07.1984	Faculty of Mechanical Engineering-Belgrade	Aero-space techniques
The list of doctoral theses that are being mentored or have been mentored for the last 10 years			
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Ph.D. candidate
1	2012	CHARACTERIZATION OF DAMAGE TO THE INTERNAL STRUCTURE OF COMPOSITE BLADES WIND GENERATORS ON THE NANO LEVEL	Dragoljub Bekrić
Relevant papers published in scientific SCI journals (at least 5, no more than 20)			
1	Jankovic J., Petrovic N., Mitrovic C., CONTROL SYSTEM MODELING OF HYDRAULIC ACTUATOR WITH COMPRESSIBLE FLUID FLOW, FME Transactions, Vol. 40, No. 2, pp. 75-80, 2012, ISSN 1451-2092, UDC: 621		
2	Časlav Mitrović, Slobodan Radojević, Milan Srećković, Zoran Milanovi: FROM IDEA TO IMPLEMENTATION IN PROTECTION OF ELECTRONIC EDITIONS (BOOK), Applied Engineering Science, ISSN - 14514117 UDC33, no.4 year 2011 vol 9, pg 473-479		
3	Č. Mitrović, A.Bengin, N.Petrovic and J.Jankovic, Mechanical Engineering, InTech – Open Access Publisher Mechanical 2012, ISBN 978-953-51-0505-3, Part 3, Chapter18, Aeronautical Engineering pp 401-442		
4	D. Cvetković, D. Radaković, Č. Mitrović, A.Bengin : Mechanical Engineering, InTech – Open Access Publisher Mechanical 2012, ISBN 978-953-51-0505-3, Part 2, Chapter9, Spin and Spin Recovery, pp 209-232		
5	D. Petrovic, C. Mitrovic, N. Trisovic, Z. Golubovic Z: On the Particles Size Distributions of Diatomaceous Earth and Perlite Granulations, Journal of Mechanical Engineering, (2011), vol. 57 br. 11, str. 843-850		
6	Č.Mitrović, A.Bengin, D.Cvetković, D.Bekrić: An Optimal Main Helicopter Rotor Projection Model Obtained by Viscous Effects and Unsteady Lift Simulation, Journal of Mechanical Engineering, , (2010), vol. 56 br. 6, str. 357-367		
7	D.Bekrić, Č.Mitrović, D.Cvetković, A.Bengin: Effectivity of Hypergeometric Function Application in Numerical Simulation of Helicopter Rotor Blades Theory, Journal of Mechanical Engineering, (2010), vol. 56 br. 1, str. 18-22		
8	A.Bengin, Č.Mitrović, D.Cvetković, D.Bekrić, S.Pešić: Improved Solution Approach for Aerodynamics Loads of Helicopter Rotor Blade in Forward Flight, Journal of Mechanical Engineering 54(2008)3, 170-178 str. UDC		
9	Lj.Vasov, B. Stojiljković, Č.Mitrović: Reward Level Evaluation of Parallel Systems, Journal of Mechanical Engineering, (2009), vol. 55 br. 9, str. 542-548		
10	B.Stojiljković, Lj.Vasov, Č.Mitrović, D.Cvetković: The Application of the Root Locus Method for the Design of Pitch Controller of an F-104A Aircraft, Journal of Mechanical Engineering (2009), vol. 55 br. 9, str. 555-560		
Summary of teacher's scientific activities			
The total number of citations	7	The number of national projects in which the teacher is currently engaged	2
papers published in the SCI (SSCI) journals	6	The number of international projects in which the teacher is currently engaged	0
Advanced professional training			
Other information considered relevant			

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Dusan B. Petrovic		
Academic rank	Associate professor		
Particular scientific field	Industrial engineering		
Academic career			
	Date	Institution	Field
Promotion	27.02.2012.	University of Belgrade - Faculty of mechanical engineering	Industrial engineering
Ph.D. degree	27.10.2004.	University of Belgrade - Faculty of mechanical engineering	Industrial engineering
M.Sc. Degree	12.03.1982.	University of Belgrade - Faculty of mechanical engineering	Production engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	31.10.2008.	----	Technological-economic evaluation of efficiency of engineering investment project using queuing theory	Zoran Petrovic

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Bugarić, U., Petrović, Dušan, Jeli, Z., Petrović, Dragan: Optimal utilization of the terminal for bulk cargo unloading, Simulation: Transactions of the Society for Modeling and Simulation International, Vol. 88, Iss. 12, 2012. pp. 1508 - 1521. (ISSN: 0037-5497 IF=0,793 (2011))
2	Bugarić, U., Petrović, D., Petrovic, Z., Pajcin, M., Markovic-Petrovic, G.: Determining the Capacity of Unloading Bulk Cargo Terminal Using Queuing Theory, Journal of Mechanical Engineering - Strojniški Vestnik, University of Ljubljana, Faculty of Mechanical Engineering, Ljubljana, Vol. 57, No. 5, 2011. pp. 405-416. (ISSN: 0039-2480 IF=0,398(2011))
3	Bugarić, U., Vuković, J., Petrović, D., Jeli, Z., Petrović, Z.: Optimization of the unloading bridge working cycle, Journal of Mechanical Engineering - Strojniški Vestnik, University of Ljubljana, Faculty of Mechanical Engineering, Ljubljana, Vol. 55, No. 1, 2009. pp. 55-63. (ISSN: 0039-2480 IF=0,533(2009))
4	Bugarić, U., Petrović, D.: Increasing the capacity of terminal for bulk cargo unloading, Simulation Modelling Practice and Theory, Elsevier, Vol. 15, No. 10, 2007, pp. 1366-1381. (ISSN: 1569-190X IF=0,375(2007))
5	Vukovic, J., Bugaric, U., Glišić, D., Petrovic, D.: Optimization of the working cycle of harbour cranes, Journal of theoretical and applied mechanics, Vol. 45, No. 1, Warsaw, 2007, pp. 147-159. (ISSN: 1429-2955 Science Citation Index – expanded)
6	Bugarić, U., Petrović, D.: Modelling and Simulation of Specialized River Terminals for Bulk Cargo Unloading with Modeling of the Elementary Sub-Systems, Systems analysis Modeling Simulation, Taylor & Frensis, Vol. 42, No. 10, London, 2002, pp. 1455-1482.
7	Živanić, D., Milošević, M., Pajčin, M., Bugarić, U., Petrović, D., Petrović, Z.: Defining the Elasticity Elimination Mechanism of Multiple Rocket Launcher Vehicle, FME Transactions, New Series Vol. 39, No. 4, Faculty of Mechanical Engineering Belgrade, Belgrade, 2011. pp. 171-175.
8	Petrović, D., Bugarić, U., Petrović, Z.: High-bay warehouse analysis based on influence of stochastic parameters, FME Transactions, New Series Vol. 37 No. 1, Faculty of Mechanical Engineering Belgrade, Belgrade, 2009. pp. 39-46.
9	Petrovic, D.: Influence of deterministic parameters of warehouse system on working cycle of servicing device, Industry No. 1/4, Economic Institute Belgrade, Belgrade 2001. pp. 129-138. (in Serbian)
10	Bugaric, U., Petrovic, D.: Servicing systems modelling, Faculty of mechanical engineering Belgrade, Belgrade, 2011. (ISBN 978-86-7083-749-2 in Serbian) (textbook)
11	Zrnic, Dj., Petrovic, D.: Factory design - workbook, 2. edition, p. 140. University of Belgrade, Faculty of mechanical engineering, Belgrade, 1990. (ISBN 86-7083-139-2) (in Serbian)
12	Zrnic, Dj., Petrovic, D.: Stochastic procesess in transport, University of Belgrade, Faculty of mechanical engineering, Belgrade, 1994., p.113. (monograph)
13	Glisić, D., Genić, V., Bugarić, U., Petrović, D.: Overview of complex Software production modeling process in discretemanufacturing, Proc. of 4th ICMEN – International Conference on Manufacturing ENgineering, Thessaloniki, Greece, 3-5 October 2011. pp. 331-335.
14	Petrović, D., Bugarić, U., Petrović, Z.: Influence of material flow on production and warehouse systems, Proc. of 4th ICMEN – International Conference on Manufacturing ENgineering, Thessaloniki, Greece, 3-5 October 2011. pp. 509-518.

15	Petrović, D., Bugarić, U.: Influence of Stochastic Parameters on Warehouse Performances, The 17th IASTED International Conference on Applied Simulation and Modelling ASM 2008, IASTED, Corfu, Greece, June 23 – 25, 2008., paper no. 609-069. pp. 112-116.		
16	Vuković, J., Bugarić, U., Glišić, D., Petrović, D.: Optimization of portal crane working cycle, 7th Conference on Dynamical Systems Theory and Applications, Lodz, 2003		
17	Petrović, D., Bugarić, U.: Analyze of working cycle of storage/retrieval-machines, ASME - Greek section, First Nat. Conf. on Recent Advances in Mech. Eng., University of Patras, Patras, 2001. paper No. ANG1/P030.		
18	Bugarić, U., Petrović, D.: Modelling and Simulation of Specialized River Terminals for Bulk Cargo Unloading, 16th IMACS World Congress 2000 on Scientific Computation, Applied Mathematics and Simulation, Ecole Polytechnique Federale de Lausanne, Lausanne, 2000. paper No. 712-3.		
19	Petrović, Z., Bugarić, U., Petrović, D.: Usage of movable laser and photo electric screen for crane rails measurement, Proc. of The Seventh Triennial International Conference Heavy Machinery – HM 2011, Faculty of Mechanical engineering Kraljevo, Kraljevo, 29. June – 2. July 2011. pp. 117-120.		
20	Bugarić, U., Petrović, D., Glišić, D.: Analytical solution of the three-diagonal, first order, Linear homogenous differential equations system with Constant coefficients, Proc. of The Sixth Triennial International Conference Heavy Machinery – HM 2008, Faculty of Mechanical engineering Kraljevo, Kraljevo, 24. – 29. June 2008. pp. E.71-E.74.		
Summary of teacher's scientific activities			
The total number of citations	16	The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	5	The number of international projects in which the teacher is currently engaged	
Advanced professional training			
Other information considered relevant			

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Popović D. Olivera		
Academic rank		Associate professor		
Particular scientific field		Engineering materials and welding		
Academic career				
		Date	Institution	Field
Promotion		07.05.2012.	Faculty of Mechanical Engineering Belgrade	Engineering materials and welding
Ph.D. degree		15.12.2006.	Faculty of Mechanical Engineering Belgrade	Engineering materials and welding
M.Sc. Degree		25.05.1998.	Faculty of Mechanical Engineering Belgrade	Engineering materials and welding

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
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Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	O. Popović, R. Prokić-Cvetković, A.Sedmak, V. Grabulov, Z.Burzić, M. Rakin, Characterisation of High-Carbon Steel Surface Welded Layer, Journal of Mechanical Engineering, Vol.56, No 5 (2010) 295-300. ISSN: 0039-2480 Impact factor: 0.466 (2010)
2	O.Popović, R.Prokić-Cvetković, A.Sedmak, G.Buyukyildirim, A.Bukvić, The influence of buffer layer on the properties of surface welded joint of high-carbon steel, Materials and technology 45(5)(2011) 579-584. ISSN: 1580-2949 , Impact factor: 0.804 (2011)
3	R. Prokić Cvetković, S. Kastelec Macura, A. Milosavljević, O.Popović, M. Burzić, The effect of Shielding Gas Composition on The Toughness and Crack Growth Parameters of AlMg4,5Mn Weld Metals, J.Min.Metall.Sect.B-Metall.46 (2) B(2010) 193-202. ISSN: 1450-5339, Impact factor: 1.294 (2010)
4	R. Prokić-Cvetković, A. Milosavljević, A. Sedmak, O. Popović, The Influence of Oxygen Equivalent in a Gas-mixture on the Structure and Toughness of Microalloyed Steel Weldments, Journal of the Serbian Chemical Society, Vol.71, No 3 (2006) 313-321. ISSN: 0352-5139, Impact factor: 0.423 (2006)
5	A.Bukvić, Z.Burzić, R.Prokić-Cvetković, O.Popović, M.Burzić, R.Jovičić, Welding technology selection effect on fracture-toughness parameters of bi-material welded joints, Technical Gazette, Vol 19(1) (2012), 167-174 ISSN: 1330-3651 Impact factor: 0.347 (2011)
6	M.Burzic, M.Manjgo, D.Kozak, R.Prokic-Cvetkovic, O.Popovic, The effects of dynamic load on behaviour of welded joint A-387 Gr. 11 alloyed steel, Metallurgy, Vol.52(1), 27-31 (2013) ISSN 0543-5846, Impact factor 0.259 (2011)
7	R.Prokić-Cvetković, O.Popović, M.Burzić, R.Jovičić, S.Kastelec-Macura, G.Buyukyildirim, The effect of welding process and shielding atmosphere on the AlMg4.5Mn weld metal properties, International Journal of Material Research, Issue 2012/e-first, http://www.ijmr.de/MK110825 , ISSN 1862-5282, DOI 10.3139/146.110825, Impact factor 0.830 (2011)
8	O. Popović, R.Prokić-Cvetković, Surface welding as a way of railway maintenance, Mechanical Engineering, Editor Murat Gokcek, InTech, ISBN 978-953-51-0505-3, April 2012, 670 pages, Chapter 10,233-252

Summary of teacher's scientific activities

The total number of citations	4	The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	7	The number of international projects in which the teacher is currently engaged	

Advanced professional training

Other information considered relevant

reviewer in journal Journal of Mechanical Science and technology, Impact factor 0.448
published book R.Prokić Cvetković, O.Popović, Welding and related processes, ISBN 978-86-17-17276-1, Belgrade

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name			Radic B. Dejan	
Academic rank			Associate Professor	
Particular scientific field			Process and environmental engineering	
Academic career				
		Date	Institution	Field
Promotion		28.09.2011.	University of Belgrade, Faculty of Mechanical Engineering	Mechanical, Process engineering
Ph.D. degree		10.03.2006.	University of Belgrade, Faculty of Mechanical Engineering	Mechanical, Process engineering
M.Sc. Degree		20.10.1995.	University of Belgrade, Faculty of Mechanical Engineering	Mechanical, Process engineering
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2007	2009	Influence of activated carbon and polyethylene powders mixing and densification processing parameters on properties of sintered filters for the water purification	Olivera Dimcic
2	2011		Research and comparison of the influence of low-rank coals characteristics on their grindability and milling process parameters	Marko Obradovic
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	"Three-fluid model predictions of pressure changes in condensing vertical tubes", International Journal of Heat and Mass Transfer, Vol. 51 (2008), Issues 15-16, pg. 3736-3744, 15 July 2008 (IF2008=1,894 M21), ISSN 0017-9310, (DOI:10.1016/j.ijheatmasstransfer.2007.12.008).			
2	"A Study on the Grindability of Serbian Coal", Thermal Science, Vol. 15 (2011), No 1, April 2011 (IF2010=0,62 M23), ISSN 0354-9836.			
3	"The Emission of Particulate Matters and Heavy Metals From Cement Kilns - Case Study Co-incineration of Tires in Serbia", CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY, (2010), vol. 16 br. 3, str. 213-217, (IF2010=0,58 M23), ISSN 1451-9372.			
4	"Spontaneous Ignition/Low Temperature Oxidation of Municipal Solid Waste", Rev. Chim. (Bucharest), Vol. 62, Nr. 1, pg. 108-112, 2011, (IF2009=0,552 M23), ISSN 0034-7752.			
5	"The influence of variable operating conditions on the design and exploitation of fly ash pneumatic transport systems in thermal power plants", Brazilian Journal of Chemical Engineering, Vol. 25 (October - December 2008), No 04, pg. 789-797 (IF2008=0,475 M23), ISSN 0104-6632.			
6	"Experimental determination of airflow resistance coefficient of porous plates for fly ash air-slide pneumatic transport, Experimentelle Bestimmung des Luftstromwiderstandskoeffizienten poroser Platten zum pneumatischen Transport der Flugasche", Journal of Textile and Clothing Technology (Tekstil), Vol. 58, No. 4, April 2009, str. 148-153. (IF2009=0.171 M23), ISSN 0492-5882.			
7	"Oxygen transfer efficiency of the aeration process in refinery waste water treatment", Rev. Chim. (Bucharest), Vol. 59, Nr. 2, pg. 200-224, Syscom 18 s.r.l., february 2008 (IF2008=0,389 M23), ISSN 0034-7752.			
8	Stanojevic, M., Radic, D., Đorđiev, Z.: "The state of art and prospects of biological anaerobic processes for organic waste of different origin", The IV-th conference "New technologies and designing methods in mechanical engineering", Vol. III, Craiova, Romania, 16-17 october 1998			
9	Stanojevic, M., Radic, D., Nikolic R., Blagojevic, P.: "Process Characterizing Parameters for the Several Stages Cyclone Preheater in Cement Clinker Production Plant", pg: 236-244, International Conference "CEMENT", Struga, 15-18 maj 2002			
10	Stanojevic, M., Layarevic, B., Radic, D.: "Review of Membrane Contactors Designs and Applications of Different Modules in Industry", FME Transactions, Volume 31, p. 91-98, Faculty of Mechanical Engineering, University of Belgrade, 2003			
11	Stanojevic, M., Radic, D., Simic, S.: "Determining the technical characteristics of the aeration systems for oil refinery's waste water treatment", 16th International Congress of Chemical and Process Engineering (CHISA), Czech Society of Chemical Engineering, pg. 10, Prague, Czech Republic, 22-26 august 2004			

12	Jovovic, A., Uskokovic, P.S., Mihajlov, A., Stevanovic-Carapina, H., Radic, D., Stanojevic, M.: "Waste Management Engineering and Practice in West Balkan Countries - Case study Serbia", Annual Journal of Institute of Industrial Engineers (Hong Kong), Volume 26 (2005-2006), pg. 11-20, Institute of Industrial Engineers, Hong Kong, ISSN 1609-3208.
13	Stanojevic, M., Radic, D. Karan, M., Jovovic, A.: "Experimental determination of resistance coefficient of porous plates for fly ash air-slide pneumatic transport", Proceedings of the International Symposium Power Plants 2006, redni broj rada: 53, strane: 1-7, Society of Thermal Engineers of Serbia and Montenegro, Vrnjacka Banja, 19-22.09.2006. (ISBN 86-7877-009-0
14	Stevanović, V., Stanojević, M., Radić, D., Jovanović, M.: "Pressure changes in condensing vertical tubes", Proceedings - 11th International Conference on Multiphase Flow in Industrial Plants, pg. 791-798, Palermo, Italy, 7-10 September 2008. (Italian Association of Industrial Plant Engineering - ANIMP, University of Palermo, Italian Association of Chemical Engineering - AIDIC).

Summary of teacher's scientific activities

The total number of citations	4	The number of national projects in which the teacher is currently engaged	2
papers published in the SCI (SSCI) journals	7	The number of international projects in which the teacher is currently engaged	2

Advanced professional training

Graduate Engineer's Licence - Section of designers

Other information considered relevant

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Radojević Lj. Slobodan		
Academic rank	Associate Professor		
Particular scientific field	Computer Science		
Academic career			
	Date	Institution	Field
Promotion	20.12.2010	University of Belgrade, Faculty of Mechanical Engineering	Mathematics - Computer Science
Ph.D. degree	05.09.1996	University of Belgrade, Faculty of Mathematics	Computer Science
M.Sc. Degree	04.10.1986	University of Belgrade, Faculty of Mathematics	Mathematics

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2004	2005	Research on Transformations of Taguchi's Orthogonal Arrays for Application in Traditional Factorial Designs	Zorica A. Veljković
2	2006	2012	Design and investigation of database structures in aircraft maintenance management systems	Goran Lazović

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Jungck, G., Radenović, S., Radojević, S., Rakočević, V., Common Fixed Point Theorems for Weakly Compatible Pairs on Cone Metric Spaces Fixed Point Theory and Applications, ISSN: 1687-1820, Volume 2009 (2009), Article ID 643840, doi:10.1155/2009/643840, JIF 2009 - 1.525
2	Pavlović, M., Radenović, S., Radojević S., Abstract metric spaces and Sehgal-Gussemen-type theorems Computers and Mathematics with Applications, ISSN: 0898-1221, Volume 60, Issue 3, August 2010, pp. 865-872 doi:10.1016/j.camwa.2010.05.033, JIF 2009 - 1.192
3	Beg, I., Butt, A. R., Radojević, S., Contraction principle for set valued mapping on a metric space with a graph Computers and Mathematics with Applications, ISSN: 0898-1221, Volume 60, Issue 5, September 2010, pp. 1214-1219 doi:10.1016/j.camwa.2010.06.003, JIF 2009 - 1.192
4	Alimohammady, M., Balooee, J., Radojević, S., Rakočević, V., Roohi, M, Conditions of regularity in cone metric spaces Applied Mathematics and Computation, ISSN: 0096-3003, Volume 217, Issue 13, January 2011, pp. 6359-6363, doi: 10.1016/j.amc.2011.01.010, JIF 2009 - 1.124
5	Radojević S., Paunović, Lj., Radenović, S., Abstract metric spaces and Hardy-Rogers theorems Applied Mathematics Letters, ISSN: 0893-9659, Volume 24, Issue 4, April 2011, pp. 553-558 doi:10.1016/j.aml.2010.11.012, JIF 2009 - 0.978

Summary of teacher's scientific activities

The total number of citations	18	The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	5	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant
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Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name			Saljnikov V Aleksandar	
Academic rank			associate professor	
Particular scientific field			thermomechanics(=thermodynamics+heat and mass transfer)	
Academic career				
		Date	Institution	Field
Promotion		01.07.2008.	Mašinski fakultet Univerziteta u Beogradu	thermomechanics
Ph.D. degree		19.02.1999.	Mašinski fakultet Univerziteta u Beogradu	thermomechanics
M.Sc. Degree		08.06.1982.	School of Mech.Eng. Purdue University, USA	thermal engineering
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2011		potential mentor	Tasić Jelena
2	2011		potential mentor	Spasojević Ljubodrag
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Sijerčić, M., Vujović, V., Saljnikov, A.: Modelling of Pulverized Coal Gasification in Low Temperature Plasma Swirl Flow, in: Thermal Plasma Processes / VDI-Gesellschaft Werkstoff, ISBN 3-18-091166-2 (1995) 565-572			
2	Saljnikov, A., Repić, B.: Development of High-Speed Spectrophotometer for Transient Measurement of Pulverized-Coal Flame Thermal Radiation Emission, Experimental Thermal and Fluid Science, (1991), No.6, 747-750, Elsevier Science Publishing Co., New York, USA (на ISI-SCI листи, IF= 0.560) ISSN 0894-1777			
3	Saljnikov, A., Repić, B., Radulović, P., Jovanović, Lj.: Issledovanie parametrov kinetiki gorenija ugol'noi pyli, Inzhenerno-Fizicheskii Zhurnal, Vol.68, (1995), No.2, pp.258-262, Minsk, Belarus (часопис је на проширеној ISI-SCI листи МФ) УДК 536.46:62-661			
4	Komatina, M., Manovic, V., Saljnikov, A.: Temperatures of Coal Particle During Devolatilization in Fluidized Bed Combustion Reactor; Energy Sources, Part A: Vol.28, (2006), Is.15, 1387-96, London (налази се на ISI-SCI листи, импакт фактор IF= 0.425) ISSN 0090-8312			
5	Komatina, M., Manovic, V., Saljnikov, A.: A Model of Coal Particle Drying in Fluidized Bed Combustion Reactor, Energy Sources, Part A: Vol.29, (2007), Issue 3, 239-50, Tayl. & Francis, London (налази се на ISI-SCI листи, импакт фактор IF= 0.425) ISSN 0090-8312			
6	Saljnikov, A., Komatina, M., Manovic, V., Gojak, M., Goričanec, D.: Investigation on thermal radiation spectra of coal ash deposits; International Journal of Heat and Mass Transfer: Vol.52, (2009), Iss.11-12, 2871-84, (на ISI-SCI listi, IF= 1.5) ISSN 0017-9310			
7	Saljnikov, A., Vučićević, B., Komatina, M., Gojak, M., Goričanec, D., Stevanović, Z.: Spectroscopic Research on Infrared Emittance of Coal Ash Deposits; Experimental Thermal & Fluid Science: Vol.33, (2009), Iss.8, 1133-41, (на ISI-SCI listi, IF= 0.56) ISSN 0894-1777			
8	Torhač, E., Goričanec, D., Andrejević, S., Saljnikov, A., Krobe, J.: New high temperature heat pumps for exploiting low temperature sources; Research Journal of Chemistry and Environment: Vol.15, (2011), Iss.2, 1-6, (на ISI-SCI listi, IF= 0.36) ISSN 0972-0626			
9	Saljnikov, A., Repić, B.: Measurement of pulverized coal flame radiation intensity by high-speed spectroscopy, American Society Mechanical Engineers ASME, Heat Transfer Division (Publication) HTD, (1989), Vol.106, 295-299, Philadelphia, USA			
10	Pavlović, P., Živković, G., Stefanović, P., Saljnikov, A.: Mathematical Model of Turbulent Particle Laden Plasma Flow w. Interphase Momentum, Heat and Mass Transfer in Axisymm-etric Reactors, J of High Temperature Chemical Processes, (1991), No.3, 381-8, Paris, France			
11	Vučićević, B., Saljnikov, A., Wakabayashi, H., Makino, T. : Spectroscopic Investigation on Infrared Radiation Characteristics of Pulverized Coal Ash Deposits for Thermal Engineering Applications, Thermal Science and Engineering, (2002), Vol.10, No.1, 1-8, Tokyo, Japan			
12	Saljnikov, A., Oka, S., Radovanović, M., Sijerčić, M.: Pulverized Lignite Combustion in Swirl Burners - A Mathematical Model, Heat Transfer Research, (2003), Vol.34, Issue 3&4, 135-146, Redding, CT, USA (ISSN 1064-2285)			
13	Saljnikov, A., Oka, S., Stevanović, Ž.: Mathematical Model of Combustion in Particulate 2-Phase Flow, Heat Transfer Research, (2007), V.38, Is.4, 299-312, (ISSN 1064-2285)			
14	Torhač, E., Črepinšek - Lipuš, L., Krobe, Jurij, Goričanec, D., Saljnikov, A., Kozić, Dj.: Profitability evaluation of heating system using borehole heat exchanger and heat pump; IASME Transactions, (2005), Vol.2, Iss.8, 1381-1388. (COBISS.SI-ID 9785110)			

15	Saljnikov, A., Goričanec, D., Stipić, R., Krobe, J., Kozić, Dj.: Design of an Experimental Test Set-Up for Thermal Response Tests to be used in Serbia; WSEAS Transactions on Heat and Mass Transfer, (2006), Vol.1, Iss.4, 481-487. (ISSN 1790-5044)
16	Saljnikov, A., Goričanec, D., Kozić, Dj., Krobe, J., Stipić, R.: Choice of an Underground Thermal Energy Storage System and Thermal Response Test Method to be used in Serbia; WSEAS Transactions, (2006), Vol.1, Iss.6, 615-621. (ISSN 1790-5087)
17	Torhač, E., Goričanec, D., Krobe, J., Saljnikov, A.: Using heat from low temperature geothermal sources with a high temperature heat pump; Magyar Épületgépészet, LVIII. Évfolyam, 2009/7-8. szám (2009), pp.15-20.
18	Stevanović, Z., Saljnikov, A., Milenić, D., Martinović, M., Goričanec, D. Komatina, M., Dokmanović, P., Antonijević, D., Vranješ, A., Magazinović, S.: Prospects for wider energetic utilization of subgeothermal water resources – eastern Serbia case study. Annales geologiques de la Peninsule balkanique:Vol.72, (2011), 131-
19	Radulović, P., Šikmanović, S., Repić, B., Grubor, B., Saljnikov, A.: Postrojenje za dobijanje ugljenog praha poboljšanog kvaliteta i njegovo korišćenje za potpalu i podršku energetske kotlova.- Patent br.04/6, 26367/87-П-721/85, Patentni glasnik SFRJ br. 5/88.- Beograd: Patentni zavod, 1988.
20	Saljnikov, A., Repić, B., Jovanović, Lj.: Monohromator spektrofotometra za nestacionarno merenje spektralnih vrednosti intenziteta toplotnog zračenja.- Patent br. 04/2317/88, Patentni glasnik SFRJ 5/92.- Beograd: Patentni zavod, 1992.

Summary of teacher's scientific activities

The total number of citations	5	The number of national projects in which the teacher is currently engaged	2
papers published in the SCI (SSCI) journals	7	The number of international projects in which the teacher is currently engaged	1

Advanced professional training

2000-2002 on post-doctoral specialization at the School of Engineering Science, Kyoto University as visiting research scientist, as a recipient of post-doctoral scholarship of Japan Society for the Promotion of Science (J.S.P.S.).

Other information considered relevant

2002 – elected a member of the advisory board of the International Informatics Society I.P.S.I.

2009 – elected a member of the editorial board of the international Journal of Energy Technology

2011 - visiting professor at the School of Mech.Eng. of the Uralsk university, Uralsk, Kazakhstan

2011 - elected an expert of the Center of projects evaluation of Ministry of science of Kazakhstan

2011 - elected an expert of the Center of projects evaluation of Ministry of industry of Kazakhstan

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name					Goran Ž. Simić				
Academic rank					Associate professor				
Particular scientific field					Railway mechanical engineering				
Academic career									
		Date	Institution			Field			
Promotion		3/19/2009	University of Belgrade-Faculty of Mechanical Engineering			Railway mechanical engineering			
Ph.D. degree		1997/	University of Belgrade-Faculty of Mechanical Engineering			Railway mechanical engineering			
M.Sc. Degree		7/2/1976	University of Belgrade-Faculty of Mechanical Engineering			Railway mechanical engineering			
The list of doctoral theses that are being mentored or have been mentored for the last 10 years									
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title				Ph.D. candidate		
1	2009	2012					Dragan Milković		
2	2004	-	Research of the logitudinal dynamic forces during train braking				Marija Vukšić-Popović		
Relevant papers published in scientific SCI journals (at least 5, no more than 20)									
1	Simić, G., Lučanin, V., Milković, D., Elements of passive safetyof railway vehicles in Collision, International Journal of Crashworthiness, Vol.11, No 4, pp 357-369, 2006								
2	G. Simić, V. Lučanin, J. Tanasković, M. Radović, Experimental research of characteristics of shock absorbers of impact energy of passenger coaches, Experimental Techniques, vol. 33, br. 4, str. 29-35								
3	Vojkan J. Lučanin, Goran Ž. Simić, Dragan D. Milković, Nenad Lj Čuprić, Snežana D. Golubović, Calculated and experimental analysis of cause of the appearance of cracks in the running bogie frame of diesel multiple units of Serbian railways, Engineering Failure Analysis 17 (2010) 236–248								
4	Bošnjak Srdjan M,Petković Zoran D,Zrnić Nenad D,Simić Goran Z,Simonović Aleksandar M (2009) Cracks, repair and reconstruction of bucket wheel excavator slewing platform, Engineering Failure Analysis, vol. 16, br. 5, str. 1631-1642								
5	J. Tanasković, V. Lučanin, D. Milković, G. Simić, and M. Miloš, Experimental Research of Characteristics of Modified Tube Absorbers of Kinetic Collision Energy of Passenger Coaches, Experimental Techniques , doi:10.1111/j.1747-1567.2011.00800.x								
Summary of teacher's scientific activities									
The total number of citatio		15	The number of national projects in which the teacher is currently engaged				2		
papers published in the SCI (SSCI) journals		5	The number of international projects in which the teacher is currently engaged				1		
Advanced professional training									
Other information considered relevant									

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Spasojević Brkić K. Vesna		
Academic rank		Associate Professor		
Particular scientific field		Industrial Engineering/ Mechanical Engineering		
Academic career				
		Date	Institution	Field
Promotion		26.03.2012.	Faculty of Mechanical Engineering University of Belgrade	Industrial Engineering/ Mechanical Engineering
Ph.D. degree		23.07.2008.	Faculty of Mechanical Engineering University of Belgrade	Industrial Engineering/ Mechanical Engineering
M.Sc. Degree		24. 06.1999.	Faculty of Mechanical Engineering University of Belgrade	Industrial Engineering/ Mechanical Engineering
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2003	2010	Strategic Control Model Development in Production Enterprises	Nenad I. Marković
2	2009	in progress	Information System and Quality Management System Contingency in Production Enterprises	Jelena Lazić
3	2010	in progress	Organizational Culture and Quality Improvement Relationship in Production Enterprises	Branislav Tomić
4	2011	in progress	Risk Quantification on Industrial Products Development Projects	Ivan Rakonjac
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Klarin, M., Cvijanović, J., Spasojević-Brkić, V., 2000, The shift level of the utilization of capacity as the stochastic variable in work sampling, Interantional Journal of Production Research (An Offical Journal of the International Foundation for Production Research), Vol. 38, No. 12, pp. 2643-2651,. (ISSN (printed): 0020-7543, IF=0.504			
2	Klarin, M., Cvijanović, J., Spasojević-Brkić, V., 2001, Additional adjustment of the driver seat in accordance njith the latest anthropometric measurements of drivers in Belgrade, Journal of Automobile Engineering, Proceedings of the Institution of Mechanical Engineers, Vol 215, No D6, pp. 709 - 712, (ISSN (printed): 0954-4070 , IF=0.232			
3	Spasojević Brkić V., Contingency Theory and Quality Management (in Serbian), MNTRS- FME UB, ISBN 978-86-7089-675-4, 2009.			
4	Vasovic Vesic J., Radojicic M., Klarin M.M., Spasojevic Brkic V., 2011, Multi-criteria approach to optimization of enterprise production programme, Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, vol 225, no 10, pp. 1951-1963, ISSN: 0954-4054, IF= 0.699, M22=5			
5	Klarin M M, Spasojević Brkić V K, Sajfert Z, Đorđević D, Nikolić M, Čockalo D, 2011, Designing the width of optimal space requirements for accommodation of drivers of passenger cars using the analogy of anthropometric measurement dynamics and mechanical mechanisms, PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART D-JOURNAL OF AUTOMOBILE ENGINEERING, vol. 225 no. D4, pp. 425-440, ISSN: 0954-4070, IF2010= 0.566			
6	Nikolic, M., Savic, M., Cockalo, D., Spasojevic - Brkic, V., Ivin, D., 2011, The impact of Serbian public relations on economic indices, PUBLIC RELATIONS REVIEW, vol. 37 no. 3, str. 332-335, ISSN: 0363-8111, IF2010=0.807			
7	Klarin M M, Milanović D D, Misita M Z, Spasojević-Brkić V K, Jovović A, 2010, A method to assess capacity utilization in short cycle functional layouts, PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING, vol. 224, no. E1, pp. 49-58 (Article) , ISSN: 0954-4089 , IF2010= 0.556			
8	Klarin M M, Spasojević-Brkić V K, Sajfert Z D, Žunjić AG, Nikolić MS, 2009, Determination of passenger car interior space for foot controls accommodation, PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART D-JOURNAL OF AUTOMOBILE ENGINEERING, vol. 223, no. D12, pp. 1529-1547 (Article), ISSN: 0954-4070, IF2009 =0.535			
9	Klarin M M, Spasojević-Brkić V K, Stanojević PD, Sajfert Z D, 2008, Anthropometrical limitations in the construction of passenger vehicles: case study, PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART D-JOURNAL OF AUTOMOBILE ENGINEERING, vol. 222, no. D8, pp. 1409-1419 (Article) , ISSN: 0954-4070, IF2008 =0.513			

10	Spasojevic Brkic V. K., T. Djurdjevic, N. Dondur, M. M. Klarin & B. Tomic, An empirical examination of the impact of quality tools application on business performance: Evidence from Serbia, TQM&BE, DOI:10.1080/14783363.2012.677306
11	Spasojević Brkić V., Klarin M., Žunjić A., 2011, Impact of Duration of ISO 9000 Certification Possession on Enterprise Business Performances, Total Quality Management & Excellence – International Journal, Vol. 39, No. 2, ISSN 2217-5768, pp. 9-15.
12	Dondur N., Pokrajac S., Spasojević Brkić V., Grbić S., 2011, Decomposition of Productivity and Allocative Efficiency in Serbian Industry, FME Transactions, ISSN 1451-2092, Volume 39 No 2, pp. 73-78.
13	Spasojević Brkić V., Klarin M., Žunjić A., 2011, Impact of Duration of ISO 9000 Certification Possession on Enterprise Business Performances, 6th International Working Conference "Total Quality Management - Advanced And Intelligent Approaches", With Second Special Conference "Manufacture in Serbia 2011", 2011, Belgrade, Serbia, Introduction paper, pp.93-98.
14	Spasojevic Brkic V., Dondur N., Zunjic A., Klarin M., Sedmak T., 2011, Effectiveness of quality management and difference in total factor productivity, Business Sustainability 2.0 - Management, Technology and Learning for Individuals, Organizations and Society in Turblent Environments, Povia de Varzim, Portugal, pp. 148-153.
15	Spasojević-Brkić V. K, Klarin M., Radojičić M., Cockalo D., Vesić Vasović J., 2011, Strategy and quality management: an empirical study of Serbian industrial companies, TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, vol. 6 no. 2, pp. 308-318, ISSN 1840-1503, IF2010=0.256, M23=3
16	Radojičić M., Nešić Z., Vesić Vasović J., Spasojević-Brkić V K., Klarin M., 2011, One Approach to The Design of An Optimization Model For Selection of The Development Strategy, TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT - TTEM, vol. 6 no. 1, pp. 99-110, ISSN 1840-1503, IF2010=0.256, M23=3
17	Radojičić M., Nešić Z., Vesić Vasović J., Spasojević-Brkić V. K, Klarin M., 2011, Model of Economic Batch Size in Industrial Production, TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, vol. 6 no. 2, pp. 272-280, ISSN 1840-1503, IF2010=0.256, M23=3
18	Rakonjac I., Rakonjac I., Kirin S., Spasojevic-Brkic V., Sedmak A., 2011, Risk Analysis by Key-coefficient Assessment – Public Lighting Project Example, TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, vol. 6 no. 4, pp. 1016-1024, ISSN 1840-1503, IF2010=0.256, M23=3
19	Klarin M M, Spasojević Brkić V K, Sajfert Z, Brkić A., Curović D., 2011, Methodology of physical occurrences analogy in researching vehicle lifetime, TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, vol. 6 no. 3, pp. 819-1024, ISSN 1840-1503, IF2010=0.256
20	Spasojević Brkić V., M. M. Klarin, A. Dj. Brkić, V. J. Lučanin, D. D. Milanović, 2011, Simultaneous consideration of contingency factors and quality management: An empirical study of Serbian companies, African Journal of Business Management, vol. 5 no.3, pp. 866-883, ISSN 1990-3839

Summary of teacher's scientific activities

The total number of citations	33 ISI /6 SCIndex/29	The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	20	The number of international projects in which the teacher is currently engaged	2

Advanced professional training

Universidade Nova de Lisboa 1991/92, Steinbeis University 2009/10, SGS Geneva (ISO 9001:2008 QMS Lead Auditor)

Other information considered relevant

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name					Stevanović D Nevena				
Academic rank					Associate Professor				
Particular scientific field					Fluid Mechanics				
Academic career									
		Date	Institution			Field			
Promotion		29th Oct 2010	Faculty of Mechanical Engineering, University of Belgrade			Fluid Mechanics			
Ph.D. degree		2nd July 2004	Faculty of Mechanical Engineering, University of Belgrade			Fluid Mechanics			
M.Sc. Degree		1st Nov 1993	Faculty of Mechanical Engineering, University of Belgrade			Fluid Mechanics			
The list of doctoral theses that are being mentored or have been mentored for the last 10 years									
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title			Ph.D. candidate			
1	8/27/2009	12/13/2011	Non-isothermal Rarefied Gas Flow in Microchannels			Snezana Milicev			
Relevant papers published in scientific SCI journals (at least 5, no more than 20)									
1	Stevanovic ND, Djordjevic VD (2005) On the simultaneous effects of gas rarefaction, wall porosity, and inertia in micro channel flows. ZAMM 7: 516-522								
2	Stevanovic ND (2007) A new analytical solution of micro channel gas flow. J Micromech Microeng 17: 1695-1702								
3	Stevanovic ND (2009) Analytical solution of gas lubricated slider microbearing. Microfluid. Nanofluid, 7 No1: 97-105								
4	Milicev SS, Stevanovic ND (2012) Microbearing Gas Flow with Different Walls' Temperatures. Thermal Science, 16 No. 1: 119-132								
5	Stevanovic ND, Djordjevic VD (2012) The Exact Analytical Solution for the Gas Lubricated Bearing in the Slip and Continuum Flow Regime. PUBLICATIONS DE L INSTITUT MATHEMATIQUE-BEOGRAD, 91 No.105: 83-93								
Summary of teacher's scientific activities									
The total number of citations		5	The number of national projects in which the teacher is currently engaged			1			
papers published in the SCI (SSCI) journals		5	The number of international projects in which the teacher is currently engaged						
Advanced professional training									
Other information considered relevant									

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Cvetkovic S. Aleksandar		
Academic rank		Associate Professor		
Particular scientific field		Mathematics		
Academic career				
		Date	Institution	Field
Promotion		14.12.2009.	Faculty of Mechanical Engineering, University of Belgrade	Mathematics
Ph.D. degree		27.11.2004.	Faculty of Sciences and Mathematics, University of Nis	Mathematics
M.Sc. Degree		15.09.1997.	Faculty of Electronic Engineering, University of Nis	Electronics

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2008	2012	Quadrature formulas of maximal trigonometric degree of exactness	Zvezdan Marjanovic

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	G. V. Milovanović, A. S. Cvetković : Gaussian quadrature rules using function derivatives, IMA J. Numer. Anal. 31 (2011), 358 – 377
2	V. Ciric, A.S. Cvetkovic , I. Milentijevic, Yield Analysis of partial defect tolerant bit plane array, Computers and Mathematics with Applications, 59, (2010), 98-107.
3	A.S. Cvetkovic , G.V. Milovanovic, On Drazin inverses of Operator Matrices, J. Math. Anal. Appl. 375, (2011), 358-377.
4	A.S. Cvetkovic , G.V. Milovanovic: Positive definite solutions of some matrix equations, Linear Algebra Appl. 429 (2008), 2401-2414.
5	G.V. Milovanovic, A.S. Cvetkovic : Gauss-Hermite interval quadrature rule, Comput. Math. Appl. 54 (2007), 544-555.
6	G.V. Milovanovic, A.S. Cvetkovic : Gauss-Radau and Gauss-Lobatto interval quadrature rules for Jacobi weight function, Numer. Math. 102 (2006), 523-542.
7	G.V. Milovanovic, A.S. Cvetkovic : Gauss-Laguerre interval quadrature rule, J. Comput. Appl. Math. 182 (2005), 433-446.
8	G.V. Milovanovic, A.S. Cvetkovic : Some inequalities for symmetric functions and an application to orthogonal polynomials, J. Math. Anal. Appl. 311 (2005), 191-208.
9	G.V. Milovanovic, A.S. Cvetkovic : Gaussian type quadrature rules for Muntz systems, SIAM J. Sci. Comput. 27 (2005), 893-913.
10	G.V. Milovanovic, A.S. Cvetkovic : Uniqueness and computation of Gaussian interval quadrature formula for Jacobi weight function, Numer. Math. 99 (2004), 141-162.
11	A.S. Cvetkovic , M.P. Stanic, Z.M. Marjanovic, T.V. Tomovic, Asymptotic behavior of trigonometric polynomials of semi-integer degree, Appl. Math. Comput., 23 (2012), 11528-11533.
12	M.P. Stanic, A.S. Cvetkovic , S. Simic, S. Dimitrijevic, Common fixed point under contractive condition of Ciric's type on cone metric spaces, Fixed Point Theory Appl. (2012), 2012:35
13	A.S. Cvetkovic , G.V. Milovanovic: Gaussian interval quadrature rule for exponential weights, Appl. Math. Comput., 18 (2012), 9332-9341
14	G.V. Milovanovic, A.S. Cvetkovic , M. Stanic: A generalized Birkhoff-Young-Chebyshev quadrature formula for analytic functions, Appl. Math. Comput. 218 (2011), 944 – 948.
15	G.V. Milovanovic, A.S. Cvetkovic , M. Stanic: Explicit formulas for five-term recurrence coefficients of orthogonal trigonometric polynomials of semi-integer degree, Appl. Math. Comput. 198 (2008), 559–573.
16	A.S. Cvetkovic , M.P. Stanic, S. Dimitrijevic, S. Simic, Common fixed point theorems for four mappings on cone metric type spaces, Fixed Point Theory and Applications, Volume 2011, (2011), Article ID 589725.
17	G.V. Milovanovic, A.S. Cvetkovic , M. Stanic: Orthogonal polynomials for modified Gegenbauer weight and corresponding quadratures, Appl. Math. Letters 22 (2009), 1189–1194.
18	G.V. Milovanovic, A.S. Cvetkovic , M. Stanic: Quadrature formulae with multiple nodes and a maximal trigonometric degree of exactness, Numer. Math. 112 (2009), 425–448.

19	G.V. Milovanovic, A.S. Cvetkovic: Orthogonal polynomials and Gaussian quadrature rules related to oscillatory weight functions, J. Comput. Appl. Math. 179 (2005), 263-287. MR2134371 (2005m:42040)		
20	G.V. Milovanovic, M.M. Spalevic, A.S. Cvetkovic : Calculation of Gaussian type quadratures with multiple nodes, Math. Comput. Modelling 39 (2004), 325-347. MR2037399 (2005g:65041)		
Summary of teacher's scientific activities			
The total number of citations	40	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the SCI (SSCI) journals	31	The number of international projects in which the teacher is currently engaged	0
Advanced professional training			
2002-2003, University of Arizona, USA			
Other information considered relevant			
Associate Editor, Filomat, Faculty of Sciences and Mathematics, University of Nis			
Associate Editor, Publication de l'Institut Mathematique, Mathematical Institute, SANU			

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Buljak, V. Vladimir		
Academic rank		Assistant Professor		
Particular scientific field		Strength of constructions		
Academic career				
		Date	Institution	Field
Promotion		10.1.2012.	University of Belgrade, Faculty of Mechanical Engineering	Strength of constructions
Ph.D. degree		24.9.2009.	Politecnico di Milano	Structural Mechanics
M.Sc. Degree		1.3.2001.	University of Belgrade, Faculty of Mechanical Engineering	Aeronautical Engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
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Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Bolzon G. and Buljak V. An indentation based technique to detect in-depth residual stress profiles in metal			
2	Buljak V. and Maier G. Proper Orthogonal Decomposition and Radial Basis Functions in Material Characterization Based on Instrumented Indentation. Engineering Structures, ISSN: 0141-0296, Impact factor: 1.678, Vol. 33(2), pp: 492-501, 2011.			
3	Bolzon G. Buljak V. Maier G. and Bartosz M. Assessment of elastic-plastic material parameters comparatively by three procedures based on indentation test and inverse analysis. Inverse Problems in Science and Engineering, ISSN: 1741-5977, Impact factor: 0.723, Vol. 19(6): pp: 815, 2011.			
4	Bolzon G. and Buljak V. An effective computational tool for parametric studies and identification problems in materials mechanics. Computational Mechanics, ISSN: 0178-7675, Impact factor: 1.880, Vol. 48(6), pp: 675-687, 2011.			
5	Buljak V. and Maier G. Identification of residual stresses by instrumented elliptical indentation and inverse analysis. Mechanics Research Communications, ISSN: 0093-6413, Impact factor: 1.199, Vol. 41, pp: 21-29, 2012			

Summary of teacher's scientific activities

The total number of citations	9	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	5	The number of international projects in which the teacher is currently engaged	1

Advanced professional training

Post-doc at Politecnico di Milano in the duration of 2 years.

Other information considered relevant

Author of Monography: "Inverse Analyses with Model Reduction – Proper Orthogonal Decomposition in Structural Mechanics", 2012. Springer – Verlag, pp: 204, ISBN 978-3-642-22702-8.

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Vencel A. Aleksandar		
Academic rank		Associate Professor		
Particular scientific field		Tribology		
Academic career				
		Date	Institution	Field
Promotion		17.09.2012.	University of Belgrade, Faculty of Mechanical Engineering	Tribology
Ph.D. degree		04.03.2008.	University of Belgrade, Faculty of Mechanical Engineering	Tribology
M.Sc. Degree		14.06.2002.	University of Belgrade, Faculty of Mechanical Engineering	Engineering Materials and Welding

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
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Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Vencel A. , Bobić I., Mišković Z., Effect of thixocasting and heat treatment on the tribological properties of hypoeutectic Al-Si alloy, <i>Wear</i> , 264, 7-8, 2008, 616-623 (M21)			
2	Vencel A. , Bobić I., Jovanović M.T., Babić M., Mitrović S., Microstructural and tribological properties of A356 Al-Si alloy reinforced with Al ₂ O ₃ particles, <i>Tribology Letters</i> , 32, 3, 2008, 159-170 (M21)			
3	Vencel A. , Mrdak M., Banjac M., Correlation of microstructures and tribological properties of ferrous coatings deposited by atmospheric plasma spraying on Al-Si cast alloy substrate, <i>Metallurgical and Materials Transactions A</i> , 40, 2, 2009, 398-405 (M21)			
4	Babic M., Vencel A. , Mitrović S., Bobić I., Influence of T4 heat treatment on tribological behavior of ZA27 alloy under lubricated sliding condition, <i>Tribology Letters</i> , 36, 2, 2009, 125-134 (M21)			
5	Vencel A. , Manić N., Popovic V., Mrdak M., Possibility of the abrasive wear resistance determination with scratch tester, <i>Tribology Letters</i> , 37, 3, 2010, 591-604 (M21)			
6	Vencel A. , Bobic I., Arostegui S., Bobic B., Marinković A., Babić M., Structural, mechanical and tribological properties of A356 aluminium alloy reinforced with Al ₂ O ₃ , SiC and SiC + graphite particles, <i>Journal of Alloys and Compounds</i> , 506, 2, 2010, 631-639 (M21)			
7	Zivic F., Babic M., Mitrovic S., Vencel A. , Continuous control as alternative route for wear monitoring by measuring penetration depth during linear reciprocating sliding of Ti6Al4V alloy, <i>Journal of Alloys and Compounds</i> , 509, 19, 2011, 5748-5754 (M21)			
8	Vencel A. , Arostegui S., Favaro G., Zivic F., Mrdak M., Mitrović S., Popovic V., Evaluation of adhesion/cohesion bond strength of the thick plasma spray coatings by scratch testing on coatings cross-sections, <i>Tribology International</i> , 44, 11, 2011, 1281-1288 (M21)			
9	Zivic F., Babic M., Cvijovic-Alagic I., Mitrovic S., Vencel A. , Wear behaviour of Ti6Al4V alloy against Al ₂ O ₃ under linear reciprocating sliding, <i>Journal of the Balkan Tribological Association</i> , 17, 1, 2011, 27-36 (M23)			
10	Vasic B., Popovic V., Vuchic V.R., Danon G., Vencel A. , Defining the functional and physical compatibility of a modernized tramway rolling stock with a newly planned LRT system: A case study of Belgrade, <i>Transportation Planning and Technology</i> , 35, 3, 2012, 241-261 (M23)			
11	Vencel A. , Optimization of the deposition parameters of thick atmospheric plasma spray coatings, <i>Journal of the Balkan Tribological Association</i> , 18, 3, 2012, 405-414 (M23)			
12	Ristivojević M., Lazović T., Vencel A. , Studying the load carrying capacity of spur gears tooth flanks, <i>Mechanism and Machine Theory</i> , 59, 2013, 125-137 (M21)			

Summary of teacher's scientific activities

The total number of citations	109	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the	12	The number of international projects in which the teacher is currently engaged	2

Advanced professional training

Other information considered relevant			
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Author and co-author of 47 papers published in national and international scientific journals and conferences, of which 12 were published in journals from the SCI (Science Citation Index) list; Co-author of two monographs: "Sliding Bearing Metallic Materials – Mechanical and Tribological Properties" and "Engineered Metal Matrix Composites: Forming Methods, Material Properties and Industrial Applications "; Editor of one Proceedings (11th International Conference on Tribology – SERBIATRIB '09). Total of 24 papers were cited (excluding self-citations) in 109 references (*h*-index = 6; *i*10-index = 3).

Reviewer in several scientific journals (all together 14, and 9 of them from the SCI list), with 33 reviews done; Reviewer of two Innovation projects, founded by the Serbian Ministry of Science and Technology.

Guest Editor in the scientific journals twice (FME Transactions and Tribology in Industry); Member of the Scientific Committee of the two International Conferences: SERBIATRIB and BULTRIB; Member of the Editorial Board of two scientific journal: Tribology in Industry (Serbian Tribology Society) and the International Journal of Manufacturing Science and Engineering (Serials Publications); Technical Editor of the Journal "FME Transactions" (2008 – 2012).

Chairman of the section at the following conferences: World Tribology Congress 2009, Serbiatrib '09, Serbiatrib '11 and 9th International Conference THE "A" Coatings.

Member of the: Serbian Tribology Society (also a member of the Executive Board), Balkan Tribological Association and Mensa International; English language proficiency at the Advanced Level (The Institute for Foreign Languages, Belgrade).

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Jakovljevic, B, Zivana		
Academic rank		assistant professor		
Particular scientific field		Production Engineering		
Academic career				
		Date	Institution	Field
Promotion		09.05.2011.	Faculty of Mechanical Engineering, University of Belgrade	Production Engineering
Ph.D. degree		27.10.2010.	Faculty of Mechanical Engineering, University of Belgrade	Mechanical Engineering
M.Sc. Degree		01.10.2004.	Faculty of Mechanical Engineering, University of Belgrade	Production Engineering
The list of doctoral theses that are being mentored or have been mentored for the last 10 years				
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
Relevant papers published in scientific SCI journals (at least 5, no more than 20)				
1	Jakovljevic, Z., Petrovic, P., B., Mikovic, V., Dj., Pajic, M., Fuzzy inference mechanism for recognition of contact states in intelligent robotic assembly, Journal of Intelligent Manufacturing, DOI 10.1007/s10845-012-0706-x			
2	Jakovljevic, Z., Petrovic, P., B., Hodolic, J., Contact states recognition in robotic part mating based on support vector machines, International Journal of Advanced Manufacturing Technology, Vol. 59, pp. 377-395, 2012, ISSN: 0268-3768, doi: 10.1007/s00170-011-3501-5			
3	Aleksendrić, D., Jakovljević, Ž., Čirović, V., Intelligent control of braking process, Expert Systems with Applications, Vol. 39, No. 14, pp. 11758-11765, 2012, ISSN: 0957-4174, doi: 10.1016/j.eswa.2012.04.076			
4	Nikola Milašinović, N., Knežević-Jugović, Z., Jakovljević, Ž., Filipović, J., Kalagasidis Krušić, M., Synthesis of n-amyl isobutyrate catalyzed by Candida rugosa lipase immobilized in poly(N-isopropylacrylamide-co-itaconic acid) hydrogels, Chemical Engineering Journal, Vol. 181-182, pp. 614-623, 2011, ISSN: 1385-8947, doi:10.1016/j.cej.2011.11.115			
5	Petrovic, P., B., Jakovljevic, Z., Milacic, V., R., Context sensitive recognition of abrupt changes in cutting process, Expert Systems with Applications, Vol. 37, Issue 5, pp. 3721-3729, 2010, ISSN: 0957-4174, doi:10.1016/j.eswa.2009.11.053			
6	Jakovljevic, Z., Petrovic, P., B., Recognition of Contact States in Robotized Assembly Using Qualitative Wavelet Based Features and Support Vector Machines, Scientific paper printed in „Proceedings of the 36th International MATADOR Conference“, Edited by Hinduja Srichand and Li Lin, Published by Springer Verlag London Ltd, ISBN: 978-1-84996-431-9, pp. 305-308, 1st Edition, 2010, DOI: 10.1007/978-1-84996-432-6_69			
7	Jakovljevic, Z., Pajic, M., Aleksendric, D., Milkovic, D., Wireless Sensor Network Application in Monitoring Of Machining Operations, Proceedings, 34th International Conference on Production Engineering, Nis, 2011, pp. 365-368 ISBN: 978-86-6055-019-6			
8	Jakovljevic, Z., Time Localization of Abrupt Changes in Cutting Process using Hilbert Huang Transform, Proceedings, The Seventh Triennial International Conference Heavy Machinery HM 2011, Vrnjacka Banja, 2011, pp. E55-E60, ISBN: 978-86-82631-58-3			
9	Jakovljevic, Z., Petrovic, P., B., Recognition of Contact States in Robotized Assembly Using Wavelet Transform and Support Vector Machines, Proceedings, International Conference on Innovative Technologies, IN-TECH 2010, Prague, 14-16.09.2010, pp. 164-167, ISBN: 978-80-904502-2-6			
10	Petrovic, P., B., Jakovljevic, Z., Dynamic Compensation of Electrical Runout in Eddy Current Contactless Measurements of Non-Stationary Ferromagnetic Target, Sensor Letters, Vol. 7, pp. 191-202, 2009, ISSN: 1546-198X, doi: 10.1116/sl.2009.1031			
11	Jakovljević, Ž., Petrović, P., B., A New Approach to Rubberized Cord Surface Structure Identification Based on High-Resolution Laser Scanning and Multiresolution Signal Processing, FME Transactions, Vol. 37, pp. 19-26, 2009, ISSN: 1451-2092			
12	Knezevic, Z., Milosavic, N., Bezbradica, N., Jakovljevic, Z., Prodanovic, R., Immobilization of lipase from Candida rugosa on Eupergit® C supports by covalent attachment, Biochemical Engineering Journal, Vol. 30, No. 3, pp. 269-278, 2006, ISSN: 1369-703X			
13	Petrovich, P., B., Jakovljevich, Z., Intelligent Real-time Cutting Tool Condition Monitoring Based on Discrete Wavelet Transform and Fuzzy Force Pattern Recognition, International IEEE Conference Mechatronics & Robotics, Proceedings, Aachen 2004, Vol. III, pp. 1078-1083			

14	Jakovljevic, Z., Petrovic, P., B., A New Method for Tool Condition Monitoring in Turning Operations Based on Fuzzy Clustering of Wavelet Coefficients, Proceedings of MATAR on CD, Praha, 2004		
15	Jakovljevic, Z., Petrovic, P., B., Tool Condition Monitoring Based on Fuzzy Clustering of Wavelet Coefficients, 11th International CIRP Life Cycle Engineering Seminar, Proceedings, Belgrade, June, 20		
Summary of teacher's scientific activities			
The total number of citations published in the SCI (SSCI) journals	41 (without auto-citation); 68 (with auto-citation) -	The number of national projects in which the teacher is currently engaged	3
	8	The number of international projects in which the teacher is currently engaged	0
Advanced professional training			
Other information considered relevant			

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name		Mirjana Misita		
Academic rank		Associate professor		
Particular scientific field		Industrial Engineering		
Academic career				
		Date	Institution	Field
Promotion		19.11.2012.	Faculty of Mechanical Engineering University of Belgrad	Industrial Engineering
Ph.D. degree		15.6. 2007.	Faculty of Mechanical Engineering University of Belgrad	Industrial Engineering
M.Sc. Degree		24.9.1994.	Faculty of Mechanical Engineering University of Belgrad	Industrial Engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	26.1.2005.	2010	Improvement of Lundber's model and its application in the process organizational change	Nebojsa Djurovic
2	30.10.2003.	2011	Development of the method for engineering and economical analysis of motor vehicles maintenance	Danijel Begovic
3	12/1/2011		Management of natural gas distribution systems by application of multicriteria analysis	Branka Tubin

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Misita, M., Klarin M., Cala I., Size-Structure Relationship in Manufacturing Enterprises in Transition, Strojarstvo, 2008, Vol 50, No. 6, 381-38, ISSN 0562-1887, UDK 65.017:334716, CODEN STJSAO ZX470/1362
2	Milanovic D.D., Klarin M., Misita M., Milanovic Lj.D., Zunjic A., Identification of invariant factors that determine labor output on the production line, Proceedings of the Institution of Mechanical Engineers, Part B, Journal of Engineering Manufacture, L
3	Klarin M., Milanovic D.D., Misita M., Spasojevic Brkic V., Jovovic A., A method to assess capacity utilization in short cycle functional layouts, Proceedings of the Institution of Mechanical Engineers, Part E, Journal of Process Mechanical Engineering, L
4	Milanovic Lj.D., Milanovic D.D., Misita M., Klarin M., Zunjic A., Universal equation for the relative change in profit of manufacturing company, Production Planning & Control, 2010, Vol.21 No.8, pp. 751-759
5	Milanovic Lj.D., Milanovic D.D., Misita M., Application of ranking method in evaluation of engineering investment projects, International Journal of Industrial Engineering - Theory, Applications and Practice, 2010, Vol. 17, No. 4. pp.1-7
6	Tadic D., Milanovic D.D., Misita M., Tadic B., A new integrated approach to the problem of ranking and supplier selection under uncertainties, Proceedings of the Institution of Mechanical Engineers, Part B, Journal of Engineering Manufacture, London, UK, 2
7	Randjic D., Milanovic D.D., Milanovic Lj.D., Misita M., Tadic D., Modification of project approach to mechanical equipment installation projects in Serbia, Revista Metalurgia International, No. 3, 2012, pp. 94-99
8	Senussi G., Misita, M., Kirin, S., Milanovic D.D., Tadic, D., Analysis of optimal production program in metalworking industry, Revista Metalurgia International, 2012, Vol. 17, No. 5, pp 14-20 No. 5
9	Dragojlovic P., Misita M., Milanovic D.D., Tadic D., Kirin S., Risk management and multicriteria optimization of production program, Revista Metalurgia International, 2012, Vol. 17, No. 6, pp. 35-39
10	Tadic D., Djapan M., Misita M., Stefanovic M., Milanovic D.D. A Fuzzy Model for Assessing Risk of Occupational Safety in Processing Industry, The International Journal of Occupational Safety and Ergonomics
11	Ninkovic D., Sedmak A., Kirin S., Rakonjac I., Misita M., Information-communication and documentation flow within R&D function model, Technics technologies education management-TTEM, 2012, Vol.7, No.1, pp.137-146.
12	Misita M., Stefanovic, M., Milanovic D.D., Tadic, D., Milanovic Lj.D., Nestic S., Organizational structure change support for manufacturing firms, management, Technics Technologies Education Management, 2013, Vol. 8, No.1, 2/3, ISSN: 1840-1503.
13	Stanojevic P., Orlic B., Misita M., Tatalović N., Gyöngyvér B. Lenkey, On-line monitoring and assessment of emerging risk in conventional industrial plants – possible way to implement integrated risk management approach and KPI's – 2nd INTeg-Risk Conferen

14	Milanovic Lj.D, Milanovic D.D., Misita M., The Evaluation of Risky Investment Projects, FME TRANSACTIONS, Number 2, p. 103-106, University of Belgrade Faculty of Mechanical Engineering, Belgrade, 2010. ISSN 1451-2092
15	Milanovic D.D, Misita M., Tadic D., Milanovic Lj.D., The Design of Hybrid System for Seving Process Support in Small Businesses, FME TRANSACTIONS, Number 3 , p, 143-149, University of Belgrade Faculty of Mechanical Engineering, Belgrade, 2010. ISSN 1451
16	Klarin, M., Misita, M., Spasojević-Brkić, V., Design of multidimensional model of production scheduling and monitoring in metal industry, FME Transactions, University of Belgrade, Faculty of Mechanical Engineering, Volume 30, No.1, pp. 29-35, 2002.
17	Begović D., Misita M., Milanović D.D., Milanović Lj.D., Industrial Engineering Methods in Management of Motor Vehicle Breakdowns Behaviour Analysis, FME Transactions, University of Belgrade, Faculty of Mechanical Engineering, Volume 39, No.4, pp. 191-194,

Summary of teacher's scientific activities

The total number of citatio	4	The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	13	The number of international projects in which the teacher is currently engaged	1

Advanced professional training

University of Berlin

Other information considered relevant

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name					Popović M. Vladimir				
Academic rank					Assistant Professor				
Particular scientific field					Motor Vehicles				
Academic career									
		Date	Institution			Field			
Promotion		15.04.2010	University of Belgrade, Faculty of Mechanical Engineering			Motor Vehicles			
Ph.D. degree		05.03.2008	University of Belgrade, Faculty of Mechanical Engineering			Motor Vehicles			
M.Sc. Degree		22.05.1996	University of Belgrade, Faculty of Mechanical Engineering			Motor Vehicles			
The list of doctoral theses that are being mentored or have been mentored for the last 10 years									
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title			Ph.D. candidate			
1	2012		Integration and assessment of the impact of parameters of comfort and safety of special purpose motor vehicles			Mićović Aleksandar			
2	2012		Development of the model of implementation of international regulations and standards from the technical aspect, in the area vehicle testing in South-East Europe countries			Svetina Tomaž			
Relevant papers published in scientific SCI journals (at least 5, no more than 20)									
1	Popović V., Vasić B., Rakićević B., Vorotović G.: OPTIMIZATION OF MAINTENANCE CONCEPT CHOICE USING RISK-DECISION FACTOR - A CASE STUDY, International Journal of Systems Science, 43(2012)10, p.1913-1926 (IF2011=0.991), DOI:10.1080/00207721.2011.563868								
2	Popović V., Vasić B., Petrović M., Mitić S.: SYSTEM APPROACH TO VEHICLE SUSPENSION SYSTEM CONTROL IN CAE ENVIRONMENT, Strojniški Vestnik – Journal of Mechanical Engineering, 57(2011)2, p.100-109 (IF2011=0.398), DOI:10.5545/sv-jme.2009.018								
3	Venci A., Manić N., Popović V., Mrdak M.: POSSIBILITY OF THE ABRASIVE WEAR RESISTANCE DETERMINATION WITH SCRATCH TESTER, Tribology Letters, 37(2010), p.591-604 (IF2010=1.574), DOI: 10.1007/s11249-009-9556-x								
4	Popović V., Vasić B., Petrović M.: THE POSSIBILITY FOR FMEA METHOD IMPROVEMENT AND ITS IMPLEMENTATION INTO BUS LIFE CYCLE, Strojniški Vestnik – Journal of Mechanical Engineering, 56(2010)3, p.179-185 (IF2010=0.466), UDC 658.56:629.34								
5	Popović V., Vasić B., Lazović T., Grbović A.: APPLICATION OF NEW DECISION MAKING MODEL BASED ON MODIFIED COST-BENEFIT ANALYSIS - A CASE STUDY: BELGRADE TRAM TRANSIT, Asia-Pacific Journal of Operational Research (IF2011=0.250), DOI: 10.1142/S0217595912003758								
6	Vasić B., Popović V., Vučić V., Danon G., Venci A.: DEFINING FUNCTIONAL AND PHYSICAL COMPATIBILITY OF A MODERNIZED TRAMWAY ROLLING STOCK WITH A NEWLY PLANNED LRT SYSTEM: A CASE STUDY OF BELGRADE, Transportation Planning and Technology (IF2011=0.203), 35(2012)3, p.241-261, DOI:10.1080/03081060.2012.671019								
7	Venci A., Arostegui S., Favaro G., Živić F., Mrdak M., Mitrović S., Popović V.: EVALUATION OF ADHESION/COHESION BOND STRENGTH OF THE THICK PLASMA SPRAY COATINGS BY SCRATCH TESTING ON COATINGS CROSS-SECTIONS, Tribology International (IF2011=1.553), 44(2011)11, p.1281-1288, DOI: 10.1016/j.triboint.2011.04.002								
8	Blagojević I., Vorotović G., Ivanović G., Janković S., Popović V.: ENERGY EFFICIENCY IMPROVEMENT BY GEAR SHIFTING OPTIMIZATION, Thermal Science (IF2011=0.779), 2012 OnLine-First (00):35-35, DOI:10.2298/TSCI.120129035B								
9	Rakićević B., Mitić S., Popović V., Vorotović G., Radivojević J.: STRENGTH VERIFICATION OF SEMI-TRAILER'S SELF-SUPPORTING ADR TANK BODY, FME Transactions, 40(2012)1, p.25-30.								
10	Popović V., Damjanović M., Blagojević I., Simović S.: TECHNICAL REGULATIONS AND CONDITIONS FOR IMPORTING PASSENGER VEHICLES ON THE TERRITORY OF SOUTHEAST EUROPE, FME Transactions, 39(2011)3, p.105-116.								
Summary of teacher's scientific activities									
The total number of citations		more than 50		The number of national projects in which the teacher is currently engaged			2		

papers published in the SCI (SSCI) journals	9	The number of international projects in which the teacher is currently engaged	1
Advanced professional training			
Title: Risk Examiners – Equipment (Steinbeis University Berlin), obtained in 2010			
Other information considered relevant			
<p>He is an official reviewer of three SCI list journals and manager of a Ministry of Education and Science project (TR35045). He is representing the Republic of Serbia in two expert working parties with the United Nations in Geneva. He has authored or co-authored 11 verified technical solutions, as well as more than 100 papers, published in conference proceedings and journals of national and international renown. He is an organization board member of more than 20 domestic conferences, as well as of the programme board of an important international maintenance congress - Euromaintenance 2012. He is a potential mentor of three doctoral students, according to new teaching plans of the Faculty of Mechanical Engineering of Belgrade University.</p>			

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name	Simonovic M Simonovic		
Academic rank	Associate Professor		
Particular scientific field	Aerospace Engineering		
Academic career			
	Date	Institution	Field
Promotion	2012.	Univeristy of Belgrade, Faculty of Mechanical Engineering	Aerospace Engineering
Ph.D. degree	2008.	Univeristy of Belgrade, Faculty of Mechanical Engineering	Aerospace Engineering
M.Sc. Degree	2000.	Univeristy of Belgrade, Faculty of Mechanical Engineering	Aerospace Engineering

The list of doctoral theses that are being mentored or have been mentored for the last 10 years

No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title	Ph.D. candidate
1	2012.		Активно и активно-пасивно пригушење вибрација структуралних елемената ваздухоплова	Мирослав Јовановић

Relevant papers published in scientific SCI journals (at least 5, no more than 20)

1	Simonović A., Kostić I., Stupar S., Petrović Z., LABORATORY TESTS OF A HYBRID METAL-COMPOSITE TRANSPORT HELICOPTER BLADE SEGMENT, Experimental Techniques Vol.36, Issue 3, pp. 22-32, (2012), ISSN 0732-8818, (IF 2006:0.274, 2007:0.400, 2008:0.268, 2009:0.5, 2010:0.505, petogodisnji IF 2007:0.410, 2008:0.323, 2009:0.403, 2010:0.457)			
2	Komarov D., Stupar S., Simonović A., Stanojević M., PROSPECTS OF WIND ENERGY SECTOR DEVELOPMENT IN SERBIA WITH RELEVANT REGULATORY FRAMEWORK OVERVIEW, Renewable and Sustainable Energy Reviews, Vol. 16, Issue 5, pp. 2618–2630, (2012), ISSN 1364-0321, (IF 2006:1.754, 2007:3.774, 2008:4.075, 2009:4.842, 2010:4.595, petogodisnji IF 2007:3.816, 2008:4.123, 2009:5.348, 2010:5.394)			
3	Petrovic Z., Stupar S., Kostic I., Simonovic A., DETERMINATION OF A LIGHT HELICOPTER FLIGHT PERFORMANCE AT THE PRELIMINARY DESIGN STAGE, Strojniski vestnik - Journal of Mechanical Engineering, Vol. 56, Issue 9, pp. 535-543, (2010), ISSN 0039-2480, (IF 2006:0.083, 2007:0.088, 2008:0.235, 2009:0.533, 2010:0.466, petogodisnji IF 2007:0.125, 2008:0.193, 2009:0.310, 2010:0.349)			
4	Ognjanovic M., Simonovic A., Ristivojevic M., Lazovic T., RESEARCH OF RAIL TRACTION SHAFTS AND AXLES FRACTURES TOWARDS IMPACT OF SERVICE CONDITIONS AND FATIGUE DAMAGE ACCUMULATION, Engineering Failure Analysis, Vol. 17, Issue. 7-8, pp. 1560-1571, (2010), ISSN 1350-6307, (IF 2006:0.428, 2007:0.565, 2008:0.441, 2009:0.945, 2010:0.770, petogodisnji IF 2007:0.635, 2008:0.594, 2009:0.967, 2010:0.821)			
5	Arsic M., Bosnjak S., Odanovic Z., Dunjic M., Simonovic A., ANALYSIS OF THE SPREADER TRACK WHEELS PREMATURE DAMAGES, Engineering Failure Analysis, Vol. 20, pp. 118-136, March (2012), ISSN 1350-6307, (IF 2006:0.428, 2007:0.565, 2008:0.441, 2009:0.945, 2010:0.770, petogodisnji IF 2007:0.635, 2008:0.594, 2009:0.967, 2010:0.821)			
6	Bosnjak S., Petkovic Z., Zrnic N., Simic G., Simonovic A., CRACKS, REPAIR AND RECONSTRUCTION OF BUCKET WHEEL EXCAVATOR SLEWING PLATFORM, Engineering Failure Analysis, Vol. 16, Issue 5, pp. 1631-1642, ISSN 1350-6307, (IF 2006:0.428, 2007:0.565, 2008:0.441, 2009:0.945, (2010):0.770, petogodisnji IF 2007:0.635, 2008:0.594, 2009:0.967, 2010:0.821)			
7	Bosnjak S., Zrnic N., Simonovic A., Momcilovic D., FAILURE ANALYSIS OF THE END EYE CONNECTION OF THE BUCKET WHEEL EXCAVATOR PORTAL TIE-ROD SUPPORT, Engineering Failure Analysis, (2009), vol. 16 br. 3, str. 740-750, ISSN 1350-6307, (IF 2006:0.428, 2007:0.565, 2008:0.441, 2009:0.945, (2010):0.770, petogodisnji IF 2007:0.635, 2008:0.594, 2009:0.967, 2010:0.821)			

Summary of teacher's scientific activities

The total number of citations	1	The number of national projects in which the teacher is currently engaged	1
papers published in the SCI (SSCI) journals	7	The number of international projects in which the teacher is currently engaged	

Advanced professional training

Other information considered relevant

Scientific qualifications of mentors to Doctoral studies and their responsibilities

Surname, Middle initial, Name					Miroljub M.Adžić				
Academic rank					Prof. Emeritus				
Particular scientific field					Combustion, Fuels, Environment, Energz, Propulsion,				
Academic career									
		Date	Institution			Field			
Promotion									
Ph.D. degree					Faculty of Mech. Eng. Belgrade 1981			Combustion	
M.Sc. Degree					Faculty of Mech. Eng. Belgrade 1979			Combustion	
The list of doctoral theses that are being mentored or have been mentored for the last 10 years									
No.	Date of the Ph.D. thesis proposal application	Date of the Ph.D. thesis defence	Doctoral thesis title				Ph.D. candidate		
1		2004	Flame stabilization by using air swirler and center body				ABDULLA M. Abdulmaged		
2		2003	Developmenmt of Methodology for Prediction of Combustion Chamber Performance for Turbojet Engine				Salih Bashir Ali Mohamed		
3		2010	OPTIMIZACIJA PERFORMANSI VIŠEGORIVNIH ATMOSFERSKIH GORIONIKA MALE SNAGE				Aleksandar Milivojević		
4		2011	DOGOREVANJE GASOVA U ADIJABATSKOM LOŽIŠTU ZA SAGOREVANJE POLJOPRIVREDNE BIOMASE				Dejan Đurović		
Relevant papers published in scientific SCI journals (at least 5, no more than 20)									
1	1. Adzic, M., Carvalho, I. S. and Heitor, M. V., Visualisation of the Disintegration of an Annular Liquid Sheet in a Coaxial Airblast Injector at Low Atomising Air Velocities, Optical Diagnostics in Engineering, Vol. 5(1), 2001.								
2	2. Adzic, M., Fotev, V., A. Milivojevic, Djajic, N., Ivezic, D., Zivkovic, M., Buljak V., Vuletic, V., Pesic, S., Bogdanovic., S., Popovic, R., Research and Development of Efficient, Environmentally Improved Household Gas Appliances, Thermal Science, 2006, Vol. 10.								
3	3. G. Jankes, O. Cvetković, N. Milovanovic, M. Ercegovic, M. Adzic, Mirjana Stamenic, Rapid Pyrolysis of Serbian Soft Brown Coals, Thermal Science, Vol 13, No.1, 2009.								
4	4. F. Avdić, M. Adžić, F. Durst, Title: Small Scale Porous Medium Combustion System for Heat Production in Households, Applied Energy, APEN-D-08-00172R1, 2010								
5	5. Adžić Miroljub M., Živković Marija A., Fotev Vasko G., Milivojević Aleksandar M., Adžić Vuk M. Uticajni parametri emisije azotnih oksida vihornog gorionika mikroturbine sa pilot gorionikom Hemijska industrija , 2010 64(4):357-363								
6	6. M. Adzic; V. Fotev; M. Zivkovic; A. Milivojevic, Effect of a Microturbine Combustor Type on Emissions at Lean-Premixed Conditions pages (1135-1143) doi: 10.2514/1.47456, JOURNAL OF PROPULSION AND POWER, 2010 vol. 26 no. 5, 2010.								
7	7. Živković Marija A.a, Adžić Miroljub M.b, Fotev Vasko G.b, Milivojević Aleksandar M.b, Adžić Vuk M.b, Ivezic Dejan D.a, Ćosić Boško D.c Uticaj sadržaja ugljen-dioksida u biogasu na emisiju azotnih oksida ,Hemijska industrija, vol. 64, br. 5, str. 439-445, 2010.								
8	8. D. Djurović, S. Nemoda, D. Dakić, M. Adžić, B. Repić Furnace for biomass combustion – Comparison of model with experimental data,International Journal of Heat and Mass Transfer Vol 55, Iss 15-16, Pages 4312-4317,2011.								
Summary of teacher's scientific activities									
The total number of citatio		70	The number of national projects in which the teacher is currently engaged				1		
papers published in the SCI (SSCI) journals		8	The number of international projects in which the teacher is currently engaged				3		
Advanced professional training									
Other information considered relevant									