University of Belgrade
Faculty of Mechanical Engineering

Ph.D. (doctoral) Studies

Teaching Staff

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Arsenic Zivan	
Academic rank		Professor	
Name of the institution where the		University of Belgrade, Faculty of MECHANICAL ENGINEERING	
Date of employment		01.01 1978	
Particular scientific (artistic) field		Motor Vehicles	
Academic career			
	Date	Institution	Field
Promotion	22.06.2000	Faculty of MECHANICAL ENGINEERING	Motor Vehicles
Ph.D. degree	05.12.1986	Faculty of MECHANICAL ENGINEERING	Motor Vehicles
Specialization			
M.Sc. degree	26.03.1982	Faculty of MECHANICAL ENGINEERING	Motor Vehicles
B.Sc. degree	30.05.1977	Faculty of MECHANICAL ENGINEERING	Motor Vehicles

The list of courses taught

No.	Title of the course	Level of studies
1	Vehicle Performance	Academic Studies
2	Vehicle Design	M.Sc. Studies
3	Vehicle drive and running gears	M.Sc. Studies
4	Vehicle testing	M.Sc. Studies

Representative references (at least 5, no more than 10)

1	Тодоровић J., Дубока Ч., Арсенић Ж.: Operatiomal life expectancy of rubbing elements in automotive brakes, Tribology International, Vol. 28, No. 7, pp. 423-432, 1995
2	Тодоровић J., Дубока Ч., Арсенић Ж.: Modelling of the tribological properties of frikcion materials used in motor vehicle brakes, Proc. IMechE C226/87, p. 911-916, London, 1987.
3	Алексендрић Д., Дубока Ч., Маритти Г.В. Арсенић Ж.:Intelligent Control of Vehicle Combination Braking Compatibility, FISITA 2006/F2006V076, 22-26 October, Jokohama, Japan, 2006.
4	Дубока Ч., Арсенић Ж.,Тодоровић J.:Innovation of reliabilitz requirements in braking regulations, FISITA 1994, Tehnical Paper 945158, Beijing, China, 1994.
5	Тодоровић J., Дубока Ч., Арсенић Ж.: The real meaning of braking test results, C444/053/093, Mache, London, 1993, pp. 61-68
6	Тодоровић J., Дубока Ч., Арсенић Ж.:Influence of the Brake Interface Temperature on the Brake Force Distribution Under Service Conditions, SAE Paper 900006.
7	Тодоровић J., Дубока Ч., Арсенић Ж.: Braking System Quality for Customer Satisfaction, SAE Paper 950790, pp. 55-99.
8	Дубока Ч., Арсенић Ж.: Patent title: Device for measuring the response times of the braking system, Patent number. 2005/0862., Application of 01.12.2005., Београд, 2005
9	Дубока Ч., Арсенић Ж.: Patent title: Test stand Brake Linings in full scale, Patent number. 2006/066., Application of 01.12.2006., Београд, 2006
10	Дубока Ч., Арсенић Ж.: Patent title:Test stand coupling, Patent number. 2006/65., Application of 01.12.2006., Београд, 2006

Summary of teacher's scientific, artistic or professional activities

The total number of citations	30	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the	2	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Babic, Rajko, Bojan	
Academic rank		Professor	
Name of the institution where the teacher		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment		16.12.1983	
Particular scientific (artistic) field		Production Enginering	
Academic career			
	Date	Institution	Field
Promotion	25.1.2007.	University of Belgrade, Faculty of Mechanical Engineering	Production Enginering
Ph.D. degree	9.12.1993.	University of Belgrade, Faculty of Mechanical Engineering	Technical sciences
Specialization			
M.Sc. degree	18.1.1983.	University of Belgrade, Faculty of Mechanical Engineering	Production Enginering
B.Sc. degree			

The list of courses taught

No.	Title of the course	Level of studies
1	Manufacturing Technologies	MAS
2	Project Management	MAS
3	Analytic Methods for Engineering Design	PhD
4	Discrete Event Simulation	PhD
5	Software Tools for Project Management	PhD
6	Planning, Performing & Controlling Projects	PhD
7	Perfomance Analysis of Manufacturing Systems	PhD
8	Computer Integrated Manufacturing Systems and Technology	MAS
9	Intelligent Manufacturing Systema	MAS

Representative references (at least 5, no more than 10)

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., Empirical Control Strategy for Learning Industrial Robot, FME Transactions, Vol 35, Number 1, ISSN 1451-2092, (pp. 1- 8), (2007)
10	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, artistic or professional activities

The total number of citations	68	The number of national projects in which the teacher is	1
The total number of papers	7	The number of international projects in which the teacher is	1

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Pavao O. Bojanic	
Academic rank		Full time professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade - Faculty of Mechanical Engineering	
Date of employment		01.07.1971	
Particular scientific (artistic) field		Production Engineering	
Academic career			
	Date	Institution	Field
Promotion	1995	Faculty of Mechanical Engineering	Production Engineering
Ph.D. degree	1981	Faculty of Mechanical Engineering	Production Engineering
Specialization			
M.Sc. degree	1974	Faculty of Mechanical Engineering	Production Engineering
B.Sc. degree	1971	Faculty of Mechanical Engineering	Production Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	PRODUCTION INFORMATION SYSTEMS	MAS
2	CAD/CAM Systems and Integration of Product and Manufacturing Design	PhD
3	Production Planning and Control Systems	PhD

Representative references (at least 5, no more than 10)

1	Bojanic P., Puzovic R.: Manufacturing systems - APT language. Faculty of Mechanical Engineering, Belgrade, 2002. уџбеник)
2	Bojanic P.: Product modeling - The Base Integration of CAD / CAM / CAPP systems. 26th International Production Engineering Council in Yugoslavia, Budva 1996.
3	Bojanić P., Majstorović V., Vranješ S.: Intelligent Environment for Product and Process Design. Manufactuing Systems, Vol.27, 1998, No 2, (Rad saopšten na 29th CIRP International Seminar on Manufacturing Systems, Osaka, Japan, 1997)
4	P Bojanic. Krsmanovic C.: Paths and intersections in development and implementation of CA technologies in production systems at the end of the second Millennium. XI Scientific Conference of Industrial Systems IS '99, Novi Sad 1999. (Industrial Systems Vol.1 No. 2, 1999)
5	P Bojanic.: Geometric modeling and evolution of rapid development of technology for product development. 29th International Production Engineering Council in Yugoslavia, Belgrade, 2002
6	P Bojanic., R Ivanovic., An approach for building functional deformable geometric models of human head, 32 Jupiter Conference, Proceedings on CD, 2.1-2.5, Zlatibor 2006
7	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
8	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
9	Tanovic Lj., Bojanic P., Popovic M., Belic Z., Trifkovic S., Mechanisms in Oxide-Carbide Ceramic BOK 60 Grinding *DOI* 10.1007/s00170-011-3449-5 ,SCI
10	Tanovic Lj., Bojanic P., Puzovic R., Klimenko.S.A., Polycrystalline Cubic Boron Nitride (PCBN) Tool Life and Wear in Turning of Amorphous-Crystalline Iron-Based Coatings, Journal of Mechanical Engineering,

Summary of teacher's scientific, artistic or professional 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	4	The number of international projects in which the teacher is currently engaged	

Advanced professional training

Other information considered relevant

1. Intelligent Manufacturing Systems and Factory of the Future, Strategic project C.5.03.66.234 , Ministry of Science and Technology of Yugoslavia. Belgrade 1996 -1999

2.Design and development of modern information systems for production planning and control and development of new methods and techniques in engineering product design and manufacturing technology. The three-year project of Ministry of Science and Technology MIS 3.07.0027.A, Belgrade, 2001-2003, project leader prof. Dr. P. Bojanic.

3. Agile Manufacturing System. Strategic project S.5.33.67.0088 of Ministry of Science and Technology Republic of Serbia. Belgrade 1996 -1999., Head of the sub-project prof. Dr. P. Bojanic

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Bošnjak, M, Srđan	
Academic rank		professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade - Faculty of Mechanical Engineering	
Date of employment		15.12. 1987.	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	09.09. 1985.	University of Belgrade - Faculty of Mechanical Engineering	Material Handling, Construction and Logistics
B.Sc. degree			

The list of courses taught

No.	Title of the course	Level of studies
1	Fundamentals of Construction and Mining Machines	B.Sc.
2	Mining and Construction Machines	M.Sc.
3	Fundamentals of Mining and Construction Machines Dynamics	M.Sc.
4	Dynamics and Strength of Mining and Construction Machines	Ph.D.
5	Selected Topics in Material Handling, Construction and Logistics	Ph.D.

Representative references (at least 5, no more than 10)

1	**Bošnjak, S.**, Zrnić, N.: Dynamics, Failures, Redesigning and Environmentaly Friendly Technologies in Surface Mining Systems, Archives of Civil and Mechanial Engineering, Vol. 12, issue 3, pp.348-359, 2012. (кат. M22)
2	**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)
3	**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)
4	**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)
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	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)
10	**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)

Summary of teacher's scientific, artistic or professional 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			
Member of the Scientific Committee for Mechanical Engineering (Serbian Ministry of Education, Science and Technological Development)			
Reviewer for: Engineering Failure Analyses, Archives of Civil and Mechanical Engineering, Journal of Zhejiang University - Science A, Strojniški vestnik - Journal of Mechanical Engineering, Technical Gazette, FME Transactions, Journal of Applied Engineering Science, Tehnika			

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Bucevac M. Zoran	
Academic rank		Full professor	
Name of the institution where the teacher works on a full-time basis		University at Belgrade - Mechanical engineering faculty	
Date of employment		16.02.1981.	
Particular scientific (artistic) field		Automatic control	
Academic career			
	Date	Institution	Field
Promotion	27.05.2005.	University at Belgrade - Mechanical engineering faculty	Automatic control
Ph.D. degree	19.12.1985.	University at Belgrade - Mechanical engineering faculty	Automatic control
Specialization			
M.Sc. degree	28.06.1982.	University at Belgrade - Mechanical engineering faculty	Automatic control
B.Sc. degree	31.10.1977.	University at Belgrade - Mechanical engineering faculty	Automatic control

The list of courses taught

No.	Title of the course	Level of studies
1	Digital systems	OAS
2	Control systems	OAS
3	Computer control	MAS
4	Digital systems design	MAS
5	Control computers and automation	MAS
6	Adaptive systems	MAS
7	Nonlinear digital control systems	DS
8	Advanced digital control systems	DS

Representative references (at least 5, no more than 10)

1. Bucevac, Z.: Discrete-Time Variable Structure Control Systems - Multivariable Linear Plant Case, FACTA UNIVERSITATIS: Special Issue of Series: Mechanics, Automatic Control & Robotics, Niš, 1999.
2. Bucevac, Z.: Time Varying Digital Structurally Variable State Feedback Control of DC Motor Guaranteeing Parameter Variation and Disturbance Invariance, Mathematical Modelling and Scientific Computing, Volume 8, 1997.
   Eleventh International Conference on Mathematical and Computer Modelling and Scientific Computing, Washington, USA, 1997.
3. Bučevac, Z.: Digital Variable Structure Exponentially Stabilizing Control, Proceedings of the VII International SAUM Conference on Systems, Automatic Control and Measurements - SAUM'01 Vrnjachka banja, Serbia, Yugoslavia, September 26-28, 2001
4. Bucevac, Z.: Time Varying Discrete Digital Structurally Variable State Feedback Tracking Control of DC Motor, International Conference on Systems, Signals, Control, Computers - SSCC'98, Durban, South Africa, 1998.
5. Bucevac, Z.: A Stabilizing Discrete Digital Variable Structure Control Algorithm Applied to the Linear Plants, Preprints of the Second International Conference of Technical Informatics CONTI'96, Timisoara, Romania, 1996.
6. Bucevac, Z., Cebasek, N.: Time Varying Discrete Digital Variable Structure Control Algorithm Application in a Real
   Process Control System, IASTED International Symposium Modelling, Identification and Control, Innsbruck, Austria, 1993
7. Bucevac, Z.: A Stabilizing Control Algorithm Design for Digital Discrete Variable Structure Systems, Proceedings of
   13. IMACS World Congress on Computation and Applied Mathematics, Dublin, Ireland, 1991
8. Ribar, Z., Bucevac, Z., Lazic, D.: Continuous and Digital Discrete Variable Structure Hydraulic Transmission Control System with Sliding Modes Guaranteeing Disturbance Invariance, Proceedings of the Ninth IASTED International Symposium Modelling, Identification and Control, Insbruck, Austria, 1990.
9. Bučevac, Z.: Lyapunov's Method Approach in a Stabilizing Control Algorithm Design for Digital Discrete Variable Structure Systems with Sliding Modes - Linear Plant Case, Proceedings of the 7. IASTED International Symposium
   Modeling, Identification and Control-MIC'88, Grindelwald, Switzerland, 1988.

10	Grujić, Lj., Bučevac, Z., Ribar, Z.: On Necessary and Sufficient Conditions for Absolute Stability of Discrete time Systems, Preprints of 9th IFAC World Congress, Budapest, Hungary, July 2-6, 1984, Vol. VIII, 159-163.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	3	The number of national projects in which the teacher is currently engaged	
The total number of papers published in the SCI (SSCI) journals		The number of international projects in which the teacher is currently engaged	

Advanced professional training

USA 1985-86, Russia

Other information considered relevant

National (Serbia) patent application: Zoran Bucevac: Automatic faucets and pissoirs for enormous water amount saving (in Serbian), The Intellectual Property Office, 14.03.2011., P-2011/0117

The International patent application: Zoran Bucevac: Automatic faucets and pissoirs for enormous water amount saving, The International Bureau of WIPO, 12.03.2012., PCT/RS2012/000007.

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Vasić M. Branko
Academic rank	Full Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade - Faculty of Mechanical Engineering
Date of employment	08.06.1987.
Particular scientific (artistic) field	Motor vehicles
Academic career	

	Date	Institution	Field
Promotion	10.11.2010	Faculty of Mechanical Engineering	Motor vehicles
Ph.D. degree	26.04.1996	Faculty of Mechanical Engineering	Motor vehicles
Specialization	-	-	-
M.Sc. degree	07.03.1991	Faculty of Mechanical Engineering	Motor vehicles
B.Sc. degree	27.04.1984	Faculty of Mechanical Engineering	Motor vehicles

The list of courses taught

No.	Title of the course	Level of studies
1	Vehicle mechatronics	MAS
2	System engineering	MAS
3	System effectiveness	MAS
4	Vehicles systems	OAS
5	System engineering - selected chapters	DS
6	System effectiveness in mechanical engineering	DS

Representative references (at least 5, no more than 10)

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., Vencl 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.
7	Vasić B., Popović V.: INŽENJERSKE METODE MENADŽMENTA (ENGINEERING METHODS OF MANAGEMENT), monography (pp. 120), publisher Institut za istraživanja i projektovanja u privredi - IIPP, Belgrade, 2007.
8	Vasić B., Todorović J., Curović D., Popović V., Stanojević N., Curović N.: ODRŽAVANJE TEHNIČKIH SISTEMA – ISTRAŽIVANJA I PROJEKTOVANJA ZA PRIVREDU (TECHNICAL SYSTEMS MAINTENANCE - RESEARCH AND DESIGN FOR INDUSTRY),monography (str. 478), publisher Institut za istraživanja i projektovanja u privredi - IIPP, Belgrade, 2006.
9	"TRANSPORTATION MASTER PLAN FOR SERBIA" – EU project (no 05SER01/04/016), Delegation of the European Union to the Republic of Serbia – Team leader dr Antonelo Pući, Local team coordinator prof. dr Branko Vasić, Belgrade, 2008.-2009.
10	Popović V., Vasić B., Stanojević N.: OPTIONS FOR THE CHOICE OF MAINTENANCE CONCEPT USING RISK-DECISION FACTORS, 20th EuroMaintenance Congress, Verona, 2010.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	more than 50	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the SCI (SSCI) journals	6	The number of international projects in which the teacher is currently engaged	1
Advanced professional training			
IRCA QMS 2008 Lead Auditor			
Other information considered relevant			

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Genić B. Srbislav
Academic rank	Full professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade Faculty of Mechanical Engineering
Date of employment	20.11.1989.
Particular scientific (artistic) field	Process engineering

Academic career

	Date	Institution	Field
Promotion	2011	University of Belgrade Faculty of Mechanical Engineering	Mechanical Engineering
Ph.D. degree	2003	University of Belgrade Faculty of Mechanical Engineering	Mechanical Engineering
Specialization			
M.Sc. degree	1994	University of Belgrade Faculty of Mechanical Engineering	Mechanical Engineering
B.Sc. degree	1989	University of Belgrade Faculty of Mechanical Engineering	Mechanical Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Equipment in Process industry	OAS
2	Basis of risk and fire safety engineering	OAS
3	Transport phenomena in process industry	MAS
4	Higher course of process phenomena	DS
5	Higher course of heat and mass transfer operations	DS

Representative references (at least 5, no more than 10)

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	Genic S., Jacimovic B., Genic 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, artistic or professional activities

The total number of citations	22	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	22	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Glavonjic M. Milos	
Academic rank		Full professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical engineering	
Date of employment		15. 01. 1976.	
Particular scientific (artistic) field		Production engineering	
Academic career			
	Date	Institution	Field
Promotion	05. 06. 2008.	University of Belgrade, Faculty of Mechanical engineering	Production engineering
Ph.D. degree	01. 07. 1987.	University of Belgrade, Faculty of Mechanical engineering	Production engineering
Specialization			
M.Sc. degree	10. 05. 1979.	University of Belgrade, Faculty of Mechanical engineering	Production engineering
B.Sc. degree	20. 11. 1973.	University of Belgrade, Faculty of Mechanical engineering	Production engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Machine tools	Bechelor academic studies
2	New generation of machine tools and robots	Master academic studies
3	Machine tools M	Master academic studies
4	Experimental data acquisition and processing	Doctoral academic studies
5	Testing and optimization of machine tools	Doctoral academic studies

Representative references (at least 5, no more than 10)

1. Milacic V, Glavonjic M, A Combined Method for the Technological Forecasting of Machine Tool Performance, Annals of the CIRP, Vol. 28-1, 1979, pp. 293-296.
2. Glavonjic M, Milacic V, A Practical Procedure for Conceptual Design and Testing of Machine Tool Structure, Robotics and Computer-Integrated Manufacturing, Vol. 4, No 3/4, 1988, pp. 317-333.
3. Milutinović D, Glavonjić M, Pose Measurement of Parallel Kinematic Machines with Serial Link Measuring System, in PARALLEL KINEMATIC MASHINES-Theoretical Aspects and Industrial Requirements, Eds. Boer, C.R, Molinari-Tosatti L. and Smith K.S, Springer-Verlag, 1999, pp. 189-203, ISBN 1-85233-613-7.
4. Milutinović D, Glavonjić M, Kvrgic 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.
5. Glavonjic M, Milutinovic D, Parallel structure milling machines with long X travel, Robotics and Computer-Integrated Manufacturing, Vol. 24-3, 2008, pp. 310-320.
6. 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.
7. Glavonjic M, Milutinovic D, Zivanovic S, Dimic Z, Kvrgic V, Desktop 3-axis parallel kinematic milling machine, International Journal of Advanced Manufacturing Technology, Vol. 46, 2010, Issue 1-4, pp. 51-60.
8. 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.
9. Glavonjic M, Milutinovic D, Zivanovic S, Bouzakis K, Mitsi S, Misopolinos L, Development of a Parallel Kinematic device Integrated into a 3-axis Milling centre, Proseedings 2nd International Conference on Manufacturing Engineering (ICMEN), Kassandra-Chalkidiki, Greece, 2005, pp. 351-361.
10. Milutinovic D, Glavonjic M, Zivanovic S, Dimic Z, Kvrgic V, Mini educational 3-axis parallel kinematic milling machine, Proceeding of 3rd International Conference on Manufacturing Engineering ICMEN and EUREKA Brokerage Event, Kallithea of Chalkidiki, Greece, 1-3 october, 2008, pp. 463-474.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	10	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	0

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Golubovic Dj. Zoran	
Academic rank		Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, Belgrade	
Date of employment		13.05.1974.	
Particular scientific (artistic) field		Mechanics	
Academic career			
	Date	Institution	Field
Promotion		Faculty of Mechanical Engineering, Belgrade	Mechanics
Ph.D. degree	26.04.1984	Faculty of Natural Sciences, Belgrade	Mechanics
Specialization			
M.Sc. degree	06.05.1975	Faculty of Natural Sciences, Belgrade	Mechanics
B.Sc. degree	26.10.1971	Faculty of Natural Sciences, Belgrade	Mechanics

The list of courses taught

No.	Title of the course	Level of studies
1	Mechanics 1	BSc
2	Mechanics 2	BSc
3	Mechanics 3	BSc
4	Biomedical Apparatus and Devices	MSc
5	Continuum Mechanics	PhD

Representative references (at least 5, no more than 10)

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 Scince 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, artistic or professional 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		The number of international projects in which the teacher is currently engaged	

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Debeljkovic Ljubisa Dragutin
Academic rank	Full professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade, Faculty of Mechanical Engineering, Department of Control Engineering
Date of employment	01.03.1975.
Particular scientific (artistic) field	System and Control Theory
Academic career	

	Date	Institution	Field
Promotion	01.10.1994.	University of Belgrade, Faculty of Mechanical Engineering, Department of Control Engineering	
Ph.D. degree	09.07.1979.	University of Belgrade, Faculty of Mechanical Engineering, Department of Control Engineering	Control Eng.
Specialization			
M.Sc. degree	01.04.1977.	University of Belgrade,Faculty of Mechanical Engineering, Department of Control Engineering	Control Eng.
B.Sc. degree	04.06.1974	University of Belgrade, Faculty of Mechanical Engineering, Department of Control Engineering	Thermo - energetics

The list of courses taught

No.	Title of the course	Level of studies
1	Process modeling	BAS
2	Control linear system synthesis	MAS
3	Dynamics of obejcts and processes	MAS
4	Linear stochastic processes	MAS
5	Process identification	MAS
6	Biosytem stochastic identification	MAS
7	Multi input-Multi output system analysis and design	DS
8	Time delay systems	DS
9	Linear system estimation	DS
10	Random processes and systems	DS
11	Modeling of energetic processes	DS
12	Decriptor linear systems	DS

Representative references (at least 5, no more than 10)

1	D. Lj. Debeljkovic, S. A .Milinkovic, M. B. Jovanovic, Application of singular system theory in chemical engineering: Analysis of process dynamics, Monograph, 12 th International Congress of Chemical and Process Eng., CHISA 96, Prague (Czech Republic), 25 - 30 August, 1996, Process Eng. Publishing, ISBN 80-86059-1-1., 1997
2	D. Lj. Debeljkovic- Editior, Time Delay Systems, I–Tech, ISBN 978-953—307-559-4, Vienna, (Austria), 2011
3	D. Lj. Debeljkovic, S. B. Stojanovic, Systems, Structure and Control - Editior Petr Husek, – Chapter : Asymptotic Stability Analysis of Linear Time Delay Systems: Delay Dependent Approach, I – Tech, Vienna, ISBN 978-7619-05-3, 2008, pp. 029 – 060.
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	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
8	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

9	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
10	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/HEMIND120403061Dhttp://www.doiserbia.nb.rs/Article.aspx?id =0367598X1200061D http://www.doiserbia.nb.rs/issue.aspx?issueid=1336

Summary of teacher's scientific, artistic or professional activities

The total number of citations	81	The number of national projects in which the teacher is currently engaged	1
The total number of 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 University, (Germany) in 1999, Technical University
of Dresden (Germany) in 2003, RWTH University of Aachen (Germany) in 2008
and Ruhr University of Bochum (Germany) in 2009 and in 2012.

Other information considered relevant

Member of Serbian Scientific Society since 2002

Since 2004. a Europe regional and associate editor of International Journal of Information and System Science (Canada) and is A. M. S. E. representative editor for the Serbia.

Since 2011 member of Comission for acreditation and quality assesment

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Duboka, Vladimira, Čedomir	
Academic rank		Full Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering University of Belgrade	
Date of employment		10.01.1977	
Particular scientific (artistic) field		Motor Vehicles	
Academic career			
	Date	Institution	Field
Promotion	06.07.1992	Faculty of Mechanical Engineering University of Belgrade	Motor Vehicles
Ph.D. degree	20.04.1981	Faculty of Mechanical Engineering University of Belgrade	Motor Vehicles
Specialization	none	none	none
Magister of Science	06.11.1975	Faculty of Mechanical Engineering University of Belgrade	Motor Vehicles
Dipl. Ing.	12.04.1971	Faculty of Mechanical Engineering University of Belgrade	Motor Vehicles

The list of courses taught

No.	Title of the course	Level of studies
1	Фрикциони системи возила	ДАС
2	Одржавање возила	ДАС
3	Форензичко инжењерство	ДАС
4	Испитивање возила - посебна поглавља	Докторске студије
5	Логистика возила	Докторске студије
6	Форензичко инжењерство - посебна поглавља	Докторске студије

Representative references (at least 5, no more than 10)

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
8	
9	
10	

Summary of teacher's scientific, artistic or professional activities

The total number of citations	150/50	The number of national projects in which the teacher is currently engaged	2
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

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Zivanovic V. Titoslav
Academic rank	full professor
Name of the institution where the teacher works on a full-time basis	Faculty of Mechanical Engineering, University of Belgrade
Date of employment	01.12.1979.
Particular scientific (artistic) field	Thermotechnic; Thermoenergetic
Academic career	

	Date	Institution	Field
Promotion	26.05.2003.	Faculty of Mechanical Engineering, Belgrade	Thermotechnic
Ph.D. degree	22.05.1990.	Faculty of Mechanical Engineering, Belgrade	Thermotechnic
Specialization			
M.Sc. degree	26.12.1978.	Faculty of Mechanical Engineering, Belgrade	Thermotechnic
B.Sc. degree	11.06.1974.	Faculty of Mechanical Engineering, Belgrade	Thermotechnic

The list of courses taught

No.	Title of the course	Level of studies
1	Steam Boilers elements and equipments	M.Sc.
2	Steam Boiler processing	M.Sc.
3	Thermal Power Plants and Heat Plants	M.Sc.
4	B.Sc. course - Steam Boiler Basics	B.Sc.

Representative references (at least 5, no more than 10)

1	D. Tucakovic, V. Stevanovic, T. Zivanovic, A. Jovovic, V. Ivanovic, *Thermal-hydraulic analysis of a steam boiler with rifled evaporating tubes* , Applied Thermal Engineering, Vol. 27, No. 2-3, p. 509-519, 2007
2	D. Tucakovic, T. Zivanovic, V. Stevanovic, S. Belosevic, R. Galic, *A computer code for the prediction of mill gases and hot air distribution between burners' sections at the utility boiler* , Applied Thermal Engineering, Vol. 28, No. 17-18, p. 2178-2186, 2008
3	V. Ivanovic, T. Zivanovic, D. Tucakovic, G. Stupar, Reconstruction of the aero-mixture channels of the pulverized coal plant of the 100 MW power plant unit, Thermal Science, vol. 15, No. 3, p. 663-676, 2011
4	Nenad Crnomarkovic, Miroslav Sijercic, Srdjan Belosevic, Dragan Tucakovic, Titoslav Zivanovic, *Influence of application of hottel's zonal model and six-flux model of thermal radiation on numerical simulations results of pulverized coal fired furnace* , Thermal Science, vol. 16, No. 1, pp. 271-282, 2012
5	D. Tucakovic, T. Zivanovic, TECHNICAL SOLUTION: *Software for calculation of coal preparation facilities plants, in purpose of determining the distrubution of mill gases and heated air by burner levels in a energy steam boiler, 2009*
6	*D. Tucakovic, T. Zivanovic, G. Stupar, M. Banjac, TECHNICAL SOLUTION: Software for thermal calculation, in purpose of determining the heat balance and checking the temperatures of heat transmitters and receivers of the heating surfaces in energy steam boiler, steam block 2 in TP Kostolac B, 2011*
7	Milan Petrovic, Aleksandar Petrovic, Titoslav Zivanovic, Dragan Tucakovic, Dobrila Skataric, Mihailo Muravljov, TECHNICAL SOLUTION:Preliminary design for construction of gas turbine for combined production of electricity and heat in MSK Kikinda, 2006
8	Lj. Brkic, T. Zivanovic, D. Tucakovic; BOOK: *Steam Boilers* , Faculty of Mechanical Engineering, Belgrade, 2010
9	Lj. Brkic, T. Zivanovic, D. Tucakovic; BOOK: *Thermal Power Plants* , Faculty of Mechanical Engineering, Belgrade, 2010
10	Lj. Brkic, T. Zivanovic, D. Tucakovic; BOOK: *Facilities for the preparation of pulverized coal* , Faculty of Mechanical Engineering, Belgrade, 2005

Summary of teacher's scientific, artistic or professional activities

The total number of citations	25	The number of national projects in which the teacher is currently engaged	1
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

Other information considered relevant

In last 5 years was actively involved in production of studies, projects and calculations of great number of papers regarding the power plants and industrial faliclities for production of heat and electricity.

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Zeković, N., Dragomir
Academic rank	Full professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade, Faculty of Mechanical Engineering
Date of employment	01.10.1975
Particular scientific (artistic) field	Mechanics of non-holonomic systems

Academic career

	Date	Institution	Field
Promotion	1975.	Faculty of Mechanical Engineering, University of Belgrade	Mechanics
Ph.D. degree	1984.	Faculty of Mechanical Engineering, University of Belgrade	Mechanics
Specialization			
M.Sc. degree	1978.	Faculty of Mechanical Engineering, University of Belgrade	Mechanism Theory
B.Sc. degree	1975.	Faculty of Mechanical Engineering, University of Belgrade	Mechanism Theory

The list of courses taught

No.	Title of the course	Level of studies
1	Mechanics 1	B.Sc.
2	Mechanics 2	B.Sc.
3	Mechanics 3	B.Sc.
4	Theory of oscillations	B.Sc.
5	Theory of oscillations	M.Sc.
6	Mechanics M	M.Sc.
7	Selected chapters of Mechanics	Ph.D
8	Epistemology of Science and Technique	Ph.D
9	Tensor Calculus	Ph.D
10	Mechanics of Nonholonomic Systems	Ph.D

Representative references (at least 5, no more than 10)

1	Zeković Dragomir, O LINEJNIH 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, artistic or professional activities

The total number of citations		The number of national projects in which the teacher is currently engaged	
The total number of 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Janković D. Miodrag	
Academic rank		Full Time Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		02.09.1974.	
Particular scientific (artistic) field		Basic of machine construction and design	
Academic career			
	Date	Institution	Field
Promotion	2002.	Faculty of Mechanical Engineering, Un. of Belgrade	Basic of machine construction and design
Ph.D. degree	1989.	Faculty of Mechanical Engineering, Un. of Belgrade	Low Cycle Fatigue
Specialization	1983.	Fraunhofer Institut, LBF, Darmstadt, BR Deutschland	trength od machine parts and structures
M.Sc. degree	1978.	Faculty of Mechanical Engineering, Un. of Belgrade	Strength of Gears tooth
B.Sc. degree	1972.	Faculty of Mechanical Engineering, Un. of Belgrade	Basic of machine structures and design

The list of courses taught

No.	Title of the course	Level of studies
	Fundamentals of machine design	B.Sc.
2	Machine elements 3	B.Sc.
3	Applied Theory of Plasticity	M.Sc.
4	Operational Strength	M.Sc.
5	Operational Strength	Ph.D
6	Low Cycle Fatigue	Ph.D

Representative references (at least 5, no more than 10)

1	The Law of Fatigue Process - Fundamental for Estimation of fatigue Life and Operational Strength of Machine Parts and Structures, Proc. ICED, Dubrovnik, 1990, in german
2	Development and Coordination of the Fatigue Crack Initiation Criteria in Metals, Transaction of FME, Belgrade, Vol. 25,Issue 1, 1996. Jankovic, M.:Low cycle fatigue, monographs, Belgrade, 2001. Generalization of Palmgren-Miner linear-hypothesis of fatigue damage accumulation, FME Transactions, No. 1, Belgrade, 1984, p.12-18.
3	Low cycle fatigue, monographs, Belgrade, 2001
4	Generalisation of Palmgren-Miner hypothesis of linear fatigue damage accumulation, Transactions of FME, No. 1, Belgrade, 1984.
5	Operational strength, monographs, Faculty of Mechanical Engineering, 2011. Jankovic, M.: The hypothesis of the energy criteria of fatigue of metals,Tehnika, Masinstvo, No. 8-9,1994
6	Abote some Various Interpretations of the Fatigue Criterion at LCF, Facta Universitatis 8, Vol. 1, No. 8, 2001.
7	Application of some Approximative Solutions of Stress and Strain Concentration for Life Estimation in LCF Region, Facta Universitatis, Vol. 1, No. 8. 2001.
8	On Influence of Stress Concentration on Fatigue Strength of gear tooth root, IC, Power Transmission, Varna, 2003.
9	Load spectrum Determination for Computing and Laboratory Testing, Scientific Technical Rev, Vol. LIX, No.3-4, 2009.„Механика, материјали и конструкције“, САН, одељење техничких наука, књ. LXXXIII, 2. део, Београд, 1996 , стр. 191-198.
10	DeterministicandProbabilisticFatigue Damage Models, Tehnicka dijagnostika, No. 1, 2009.

Summary of teacher's scientific, artistic or professional activities

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

Advanced professional training

The Integral development of Products, since 2005.

Other information considered relevant

Experimental part od Ph.D Thesis in Germany at Fraunhofer Institute LBF, Darmstadt, the defense of doctoral thesis at the Faculty of mechanical engineering, Belgrade.

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Jankovic M. Jovan	
Academic rank		Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		12.01.1976	
Particular scientific (artistic) field		Aeronautics	
Academic career			
	Date	Institution	Field
Promotion			
Ph.D. degree	08.02.1984.	Faculty of Mechanical Engineering, University of Belgrade	Aeronautics
Specialization			
M.Sc. degree	19.12.1979.	Faculty of Electrical Engineering, University of Belgrade, Automatic Control	
B.Sc. degree	17.04.1975.	Faculty of Mechanical Engineering, University of Belgrade	Aeronautics

The list of courses taught

No.	Title of the course	Level of studies
1	Aircraft Systems and Control	master
2	Aircraft Power and Equipment	bachelor

Representative references (at least 5, no more than 10)

1	Computer Simulation of Fast Hydraulic Actuators, ISSN 1028-6284
2	Anti- flutther Control Concept by using …, AIAA 1983-993
3	Computer Visualisation and Simulation of fast cyclic hydraulic actuator, ICAS-98
4	Computer analysis and simulation of transient state and pressure recovering of fast …, ICAS-96
5	One aproach of adaptive control synthesis of systems with flexible structure …, ICAS-94

Summary of teacher's scientific, artistic or professional activities

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

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Jaramaz S. Slobodan
Academic rank	Full professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade - Faculty of Mechanical Engineering
Date of employment	01.11.1992.
Particular scientific (artistic) field	Military mechanical engineering - weapon systems

Academic career

	Date	Institution	Field
Promotion	15.10.2002.	University of Belgrade - Faculty of Mechanical Engineering	Military mechanical engineering
Ph.D. degree	29.05.1991.	University of Belgrade - Faculty of Mechanical Engineering	Military mechanical engineering
Specialization			
M.Sc. degree	02.07.1979.	University of Belgrade - Faculty of Mechanical Engineering	
B.Sc. degree	15.06.1976.	University of Belgrade - Faculty of Mechanical Engineering	Internal combustion engines

The list of courses taught

No.	Title of the course	Level of studies
1	Introduction to Weapon Systems	B.Sc.
2	Fundamentals of Weapon System Design	B.Sc.
3	Fundamentals of Projectiles Propulsion	B.Sc.
4	Flight Mechanics of Projectiles	B.Sc.
5	Interior Ballistics	M.Sc.
6	Projectile Design	M.Sc.
7	Physics of Explosive Processes	M.Sc.
8	Explosive Aplications	Ph.D.
9	Selected Topics of Terminal Ballistics	Ph.D.
10	Propusion of Projectiles	Ph.D.

Representative references (at least 5, no more than 10)

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
8	Jaramaz, S., Mickovic, D.: Interior Ballistics, Faculty of Mechanical Engineering, pp. 223, Belgrade, 2011 (in Serbian)
9	Jaramaz S.: Physics of Explosion, Faculty of Mechanical Engineering, Belgrade, p.222, 1997.
10	Jaramaz S.: Warhead Design and Terminal Ballistics,Faculty of Mechanical Engineering, p.220, Belgrade, 2000

Summary of teacher's scientific, artistic or professional activities

The total number of citations	31	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	0

Advanced professional training

Imperial College, London, 1983-1984.

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Jaćimović M. Branislav
Academic rank	Full professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade Faculty of Mechanical Engineering
Date of employment	05.11.1979
Particular scientific (artistic) field	Process engineering

Academic career

	Date	Institution	Field
Promotion	1998	University of Belgrade Faculty of Mechanical Engineering	Mechanical Engineering
Ph.D. degree	1987	University of Belgrade Faculty of Mechanical Engineering	Mechanical Engineering
Specialization			
M.Sc. degree	1978	University of Belgrade Faculty of Mechanical Engineering	Mechanical Engineering
B.Sc. degree	1974	University of Belgrade Faculty of Mechanical Engineering	Mechanical Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Heat transfer operations and equipment	MAS
2	Mass transfer operations and equipment	MAS
3	Principles of modeling in process engineering	DS

Representative references (at least 5, no more than 10)

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	Genic S., Jacimovic B., Genic 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, artistic or professional activities

The total number of citations	22	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	22	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Kandić B. Dragan
Academic rank	Full time Professor
Name of the institution where the teacher works on a full-time basis	Faculty of mechanical engineering, University of Belgrade
Date of employment	15.02.1989.
Particular scientific (artistic) 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
Specialization	01.06.1987.	Military institute of technology, Belgrade	Laser guided missiles
M.Sc. degree	23.10.1980.	Faculty of electrical engineering, University of Belgrade	Electrical engineering, Electrical circuits and systems
B.Sc. degree	04.12.1975.	Faculty of electrical engineering, University of Belgrade	Electrical engineering, Electrical circuits and systems

The list of courses taught

No.	Title of the course	Level of studies
1	Electrical and electronics engineering	Undergraduate
2	Electronics	Undergraduate
3	Final essay	Undergraduate
4	Electronics	Master
5	Electronic circuits and systems	Ph.D.

Representative references (at least 5, no more than 10)

1	Milić M., Kandić D., "A novel canonic bipolinomial 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 immitance 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., Reljin B., "New results of transformerless synthesis of admittance matrices of passive, common-ground, two-element-kind, RLC networks", International Journal of Theoretical Electrotechnics, No. 5, 1994 (61-68) (invited paper), ISSN 1216-3015.
4	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.
5	Kandić D., Reljin B., "Nonminimal realization of common-ground RLC networks", Journal of Applied Electromagnetism, Vol. 5, No. 1, National Technical University of Athens, 2003 (35-44), ISSN 1109-1606.
6	Kandić D. (coauthor of international monograph), "Cellular Neural Networks: Theory and Applications", Nova Science Publishers Inc., New York, 2004, ISBN 1-59454-040-3.
7	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.
8	Kandic 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.
9	Kandić D., Reljin B., "On synthesis of immitance matrices of transformerless RLC networks", Proc. on CD of European Conference on Circuit Theory and Design ECCTD'09, Antalya, Turkey, 2009.
10	Kandić D., Reljin B., Reljin I., "On modelling of two-wire transmission lines with uniform passsive 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, artistic or professional activities

The total number of citations	9	The number of national projects in which the teacher is currently engaged	2 Projects: TP32048 and III41006 with Ministry of education, science and technological development of Republic Serbia
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 Chidren state hospital in Belgrade. Reviewer of two prominent international journals. For many years teached 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Komatina S. Mirko
Academic rank	Full Professor
Name of the institution where the teacher works on a full-time basis	Mechanical Engineering Faculty, University of Belgrade, Belgrade.
Date of employment	14.11.1989
Particular scientific (artistic) field	Thermomechanics
Academic career	

	Date	Institution	Field
Promotion	10.04.2008.	Mechanical Engineering Faculty, University of Belgrade, Belgrade.	Thermomechanics
Ph.D. degree	1997.	Mechanical Engineering Faculty, University of Belgrade, Belgrade.	Thermomechanics
Specialization	2003.-2005.	Alexander von Humboldt Fellowship,RWTH-Aachen University, Aachen,	Thermomechanics
M.Sc. degree	1988.	Mechanical Engineering Faculty, University of Belgrade, Belgrade.	Thermomechanics
B.Sc. degree			

The list of courses taught

No.	Title of the course	Level of studies
1	Steady state problems in heat transfer	B.Sc
2	Thermodynamics B	B.SC
3	Thermodynamics M	M.Sc
4	Rationalization of Energy Consumption in Households and Industry	Ph.D
5	Thermodynamics Chemical process	Ph.D
6	Renewable Energy Sources	Ph.D
7	Selected topics of Heat and Mass transfer	Ph.D
8	Heat Transfer	M.Sc

Representative references (at least 5, no more than 10)

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.
5	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.
6	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.
7	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.
8	Antonijevic, D., Komatina, M.: Sustainable Sub-geothermal Heat Pump Heating in Serbia,Renewable&Sustainable Energy Reviews, Vol 15, 2011, pp. 3534-3538.
9	Antonijevic, D., Manic, D., Komatina, M., Rudonja, N.: Subgeothermal Heat Pump Selection for Hot Water Central Heating Retrofit, Energy and Buildings, 49 (2012), pp. 294-299.
10	Aleksandar Eric, Dragoljub Dakic, Stevan Nemoda, Mirko Komatina, Branislav Repic, Experimental determination thermophysical characteristics of balled biomass, Energy, Volume 45, Issue 1, September 2012, Pages 350–357.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	18	The number of national projects in which the teacher is currently engaged	6
The total number of papers published in the SCI (SSCI) journals	16	The number of international projects in which the teacher is currently engaged	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" in FP7.
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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Kosi, Franc, Franc	
Academic rank		full professor	
Name of the institution where the teacher works on a full-time basis		University Belgrade, Faculty of Mechanical Engineering	
Date of employment		01.10.2007.	
Particular scientific (artistic) field		thermal science - refrigeration	
Academic career			
	Date	Institution	Field
Promotion	15.09.2001	University Belgrade, Faculty of Agriculture	thermal science
Ph.D. degree	08.12.1987.	University Belgrade, Faculty of Mech. Eng.	process engineering
Specialization			
M.Sc. degree	03.04.1979.	University Belgrade, Faculty of Mech. Eng.	heat transfer
B.Sc. degree	14.06.1974.	University Belgrade, Faculty of Mech. Eng.	thermal science

The list of courses taught

No.	Title of the course	Level of studies
1	Pipelines	BAS
2	Basic in Refrigeration	BAS
3	Refrigeration Equipment	DAS
4	Refrigeration Systems	DAS
5	Heat pumps	DAS
6	Refrigeration in Food Technologies	DAS

Representative references (at least 5, no more than 10)

1	Todorović M.S., Kosi F., Simić Lj.: Bioreactors for Wastes abd Fuels Production – Relevant Thermodynamical and Process Parameters, Knowledge and Engineering Data, Monografija Recovering Energy from Waste , Various Aspects, Editor: W. Grover, Hogland W., Science Publishers, Inc. Enfield (NH), USA Plymuth, UK, pp. 76-94, 2002.
2	The technical solution-new production line: D. Marković, M. Veljić, M. Ristivojević, F. Kosi, N. Mladenović, J. Ilić, Z. Trifković, N. Kosanić, D. Krstić, Ž. Čebela; „ Lines for cold processing and packaging of frozen fruit", applied in the company Vino Župa a.d., Aleksandrovac, 2007.
3	The technical solution-new production line: Marković, M. Veljić, M. Ristivojević, F. Kosi, N. Mladenović, J. Ilić, Z. Trifković, N. Kosanić, D. Krstić, Ž. Čebela; Lines for cold fruit", applied in the company ITN EKO-Povlen", Kosjerić, 2007-2008.
4	The technical solution-new production line: D. Marković, M. Veljić, M. Ristivojević, F. Kosi, N. Mladenović, J. Ilić, Z. Trifković, N. Kosanić, D. Krstić, Ž. Čebela: "Lines for cold fruit (strawberry, raspberry, cherry, blackberry, black currant, blueberry, plum, ...) was introduced into production at the company „ELIKSIR FOOD"- Viktoria group, Novi Sad, 2007.-2008.
5	The technical solution-new production line: D. Marković, M. Veljić, N. Mladenović, M. Ristivojević, F. Kosi, Ž. Čebela, D. Krstić, J. Ilić, V. Simonović: „ The prototype solution for the calibration of vibration system and integrated optical color sorting in line with the flow tunnel freezer", applied in the company ITN EKO-Povlen, Kosjerić, 2009.
6	The technical solution-new production line: D. Marković, M. Veljić, N. Mladenović, M. Ristivojević, F. Kosi, Ž. Čebela, D. Krstić, J. Ilić, V. Simonović: „ The prototype solution for the calibration of vibration system and integrated optical color sorting in line with the flow tunnel freezer", applied in the company ITN EKO-Povlen, Kosjerić, 2009.
7	The technical solution-new production line: D. Marković, F. Kosi, M. Veljić, Ž. Čebela, D. Krstić, V. Simonović, A. Sretenović, M. Stojković: "The industrial prototype of an integrated system for cooling fruits and vegetables, a new product line," released in the company FRIKOM", Beograd 2009.
8	Franc Kosi, Milena Stojković, Uroš Milovančević, Srđan Otović: „Refrigerant HFO-1234yf: Thermodynamic analysis of the heat pump cycle low power", KGH 1/2011, pp. 73-76
9	Franc Kosi, Jela Burazer, Uroš Milovančević, Milena Stojković: What can be expected from absorption chillers?", KGH 3/2011, pp. 47-54
10	Franc Kosi, Branislav Živković, Milena Stojković: "Cooling by water (" hydrocooling ") in conjunction with absorption chillers for precoolingof fruits and vegetables"„Contemporary Agricultural Engineering" 4/2011, pp. 427-437

Summary of teacher's scientific, artistic or professional 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	/	The number of international projects in which the teacher is currently engaged	/

Advanced professional training

1.University in Braunschweig, Germany, three months, 1984.
2..University in Chicago (UIC), USA, three months, three months, 1991.

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Lazarević,P, Mihailo	
Academic rank		Full-time professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment		01.09.1993	
Particular scientific (artistic) field		Mechanics	
Academic career			
	Date	Institution	Field
Promotion	16.04.2009	Faculty of Mech. Eng.,University of Belgrade	Mechanics
Ph.D. degree	02.07.1999	Faculty of Mech. Eng.,University of Belgrade	Applied mechanics
Specialization			
M.Sc. degree	28.02.1994	Faculty of Mech. Eng.,University of Belgrade	Automatic control
B.Sc. degree	10.09.1990	Faculty of Mech. Eng.,University of Belgrade	Aerocosmotechnics

The list of courses taught

No.	Title of the course	Level of studies
1	Mechanics 1,2,3	Undergraduate studies
2	Biomechanics of locomotor system	Undergraduate studies
3	Biomechanics of tissue and organs	Master degree studies
4	Mechanics of robots	Master degree studies
5	Dynamics of a system of rigid bodies	Master degree studies,Ph.D.Studies
6	Biomechatronic robotics	Master degree studies
7	Fractional calculus with applications in engineering	Ph.D. Studies
8	Advanced robotics- selected chapters	Ph.D. Studies
9	Selected chapters of mechanics of robots	Ph.D. Studies
10	Mechanics of locomotor system	Ph.D. Studies
11	Mechanics of bipedal gait	Ph.D. Studies
12	Rehabilitation biomechanics	Ph.D. Studies
13	Locomotor bioengineering	Ph.D. Studies
14		
15		

Representative references (at least 5, no more than 10)

1	Lazarević M. Trišović N.,"Teach-yourself book for exercises from Mechanics (Statics and Kinematics)", Faculty of Mech. Eng.,Belgrade, 1999.
2	Lazarević M., "Handbook of solved problems-Mechanics of robots",Faculty of Mech. Eng. Belgrade,2006.
3	Lazarević M.,"Mathematical modelling and control of redundant systems-biomechanical approach,Foundation Andrejevic,2004,Belgrade, ISBN 86-7244-399-3, COBISS.SR –ID 114544908
4	Čović V., Lazarević M., "Mechanics of Robots",textbook,Faculty of Mech. Eng.,Belgrade,2010.
5	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
6	Lazarević M. P., Mechanics of Human Locomotor System, Journal FME Transcations, Faculty of Mechanical Engineering,Belgrade,Vol.34. No2, pp. 105-114, 2006
7	Lazarević M.,Finite Time Stability Analysis of PD Fractional Control of Robotic Time Delay Systems, Journal of Mechanics Research Communications, Vol.33,(2),pp.269-279, 2006
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	Lazarevic M., A.Obradovic, M. Joka,PhD Student, Lj. Bucanović, Biologically inspired optimal control of robotic system:synergy approach,,IEEE, 17th Mediterranean Conference on Control & Automation Makedonia Palace, Thessaloniki, Greece, June 24 - 26, 2009,
10	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,

Summary of teacher's scientific, artistic or professional activities

The total number of citations	137	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the SCI (SSCI) journals	11	The number of international projects in which the teacher is currently engaged	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

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Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Lazic V. Dragan
Academic rank	Full Professor
Name of the institution where the teacher works on a full-time basis	Mechanical Faculty, University in Belgrade
Date of employment	01.01.1989
Particular scientific (artistic) field	Automatic Control

Academic career

	Date	Institution	Field
Promotion	04.12.2008	Mechanical Faculty, University in Belgrade	Automatic Control
Ph.D. degree	31.07.2005	Mechanical Faculty, University in Belgrade	Automatic Control
Specialization			
M.Sc. degree	22.06.1992	Mechanical Faculty, University in Belgrade	Automatic Control
B.Sc. degree	29.09.1986	Mechanical Faculty, University in Belgrade	Automatic Control

The list of courses taught

No.	Title of the course	Level of studies
1	Introduction to Automatic Control	B.Sc.
2	Control Systems	B.Sc.
3	Professional practice B - CS	B.Sc.
4	B.Sc. thesis	B.Sc.

Representative references (at least 5, no more than 10)

1	Milan Ristanović, Žarko Ćojbašić, Dragan Lazić, ”Intelligent Control of DC Motor Driven Electrome- chanical Fin Actuator”, Control Engineering Practice, Journal of IFAC, Elsevier Science, 20 (2012), pp. 610-617.
2	Dragan V. Lazić, ”Practical Tracking Control of the Electropneumatic Piston Drive”, Strojniški vestnik - Journal of Mechanical Engineering, Volume 56, No.3/2010, May 2010, pp. 163-168.
3	Milan Ristanović, Dragan Lazić, Ivica Indjin, ”Modelling, Simulation and Control of an Electromechanical Aerofin Control System With PWM Controlled DC Motor”, Automatic Control and Computer Sciences, Allerton Press, Inc. distributed by Springer, Vol. 42, No. 4, 2008, pp. 184-190.
4	Dragan V. Lazić, ”Exponential Tracking Control of an Electro-Pneumatic Servo Motor”, Strojniški vestnik - Journal of Mechanical ngineering, Volume 54, No.1/08, Februar 2008, pp. 62-67.
5	D.V. Lazić, ”Exponential tracking control of an electro-pneumatic servo motor”, Automatic Control and Computer Sciences, Allerton Press, Inc. distributed by Springer, Volume 41, Number 3 / June, 2007, pp. 164-171.
6	Dragan V. Lazić, Milan R. Ristanović, ”Electrohydraulic Thrust Vector Control of Twin Rocket Engines with Position Feedback via Angular Transducers”, Control Engineering Practice, Journal of IFAC, Elsevier Science, 15 (2007), pp. 583-594.
7	D V Lazić, M R Jovanović and M R Ristanović, ”Practical Tracking of a Hydraulic Cylinder and Axial Piston Hydraulic Motor”, Power Transmission and Motion Control (PTMC ’98), Edited by C R Burrows and K A Edge, Professional Engineering Publishing, based on Bath Workshop, UK, September 9-11, 1998, pp. 331-346.
8	H. Asad, Dragan V. Lazić, Waqar Shahid “FPGA Based Attitude Controller Implementation for a Small UAV”, Proceedings of WASET 2010 - the World Academy of Science, Engineering and Technology, Sin- gapore, August 25-27, 2010, pp. 436-440.
9	D. Lazić, Ž. Ćojbašić, M. Ristanović “Genetic Optimization of Conventional and Fuzzy Electromechanical Aerofin Control”, Proceedings of the X Triennial International SAUM Conference on Systems, Automatic Control and Measurements SAUM’10, Niˇs, Serbia, November 10-12, 2010, pp. 94-98.
10	Dragan V. Lazić, Milan R. Ristanović, “Electrohydraulic Position Control Servosystem of the Twin Rocket Engine TVC System”, Proceedings of the ICASAT 2007 - International Conference on Aeronautical Sci- ence and Air Transportation, Tripoly, Libya, April 23-25, 2007, pp. 398-407.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	11	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	4	The number of international projects in which the teacher is currently engaged	1

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Lučanin J. Vojkan
Academic rank	Full Time Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade, Faculty of Mechanical Engineering
Date of employment	01.02.1988. (University of Belgrade, Faculty of Mechanical Engineering) 23.05.1983. (Institute GOSA, Serbia)
Particular scientific (artistic) field	Railway Engineering
Academic career	

	Date	Institution	Field
Promotion	25.06.2003.	University of Belgrade, Faculty of Mechanical Engineering	Railway Engineering
Ph.D. degree	18.03.1993.	University of Belgrade, Faculty of Mechanical Engineering	Railway Engineering
Specialization			
M.Sc. degree	14.06.1989.	University of Belgrade, Faculty of Mechanical Engineering	Railway Engineering
B.Sc. degree	01.04.1983.	University of Belgrade, Faculty of Mechanical Engineering	Railway Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Theory of traction	Bachelor Study
2	Life cycle of railway vehicles	Bachelor Study
3	Railway systems	Bachelor Study
4	Locomotive 1	Master Study
5	Locomotive 2	Master Study
6	Maintenace of railway vehicles	Master Study
7	Theory of traction	Master Study
8	Professonal practice M - Railway Engineering	Master Study

Representative references (at least 5, no more than 10)

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., Ćuprić, 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 influance 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
10. Simić, G., Lučanin , V., Milković, D., i dr., TEST REPORT OF DYNAMIC BEHAVIOUR OF Eas WAGON FOR ŽFBH, 13.04-53-2007, Faculty of Mechanical Engineering, Belgrade 2007.
11. Simić, G., Lučanin, V., Milković, D., RIDE QUALITY OF CAR TRANSPORTATION WAGON FOR IRANIAN RAILWAYS, Mašinski fakultet, Beograd, 2006.
12. Pavić M., Lučanin V., Thermal loads of wheels of railway vehicles, XIV Scinetific-expert conference on railways, Proceedings, pp 185.-188., University of Nis, Faculty of Mechanical Engineering, Niš, 2010.

13	Tanasković, J., Milković, D., Lučanin, V., Simić G., Experimental and numerical determination of tube collision energy apsorbers characteristics, FME Transactions, Volume 40, No 1, page 11 - 16, Belgrade, 2012.
14	Milković D., Simić G., Jakovljević Ž., Tanasković J., Lučanin V., Wayside monitoring system for wheel-rail contact forces measurements, 29th Danubia-Adria Symposium, Proceedings, pp 242-245, Belgrade, Serbia, 2012.
15	Pavić M., Lučanin V., Golubović S., Effects of information system to exploitation and maintenance of railway wagons, XV Scinetific-expert conference on railways RAILCON 2012, Proceedings, pp 153-156, Niš, Serbia, 2012.
16	Lučanin V., Tanasković J., Research of collision energy and absorbers dynamic of passenger train, 27th Danubia-Adria Symposium, Proceedings, pp 123-124, Wroclaw University of Technology, Wroclaw, Poland, (2010).
17	Tanasković, J., Lučanin, V., Radović, N., Development of a Collision Energy Absorber of a Passenger Train, 3rd International Conference: Deformation Processing and Structure of Material, Proceedings, pp 125-131, Belgrade, 2007.
18	

Summary of teacher's scientific, artistic or professional activities

The total number of citations	7	The number of national projects in which the teacher is currently engaged	4
The total number of 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

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		**Majstorović D. Vidosav**	
Academic rank		**Full Professor**	
Name of the institution where the teacher works on a full-time basis		**Mechanical Engineering Faculty**	
Date of employment		**01. 05. 1977. year**	
Particular scientific (artistic) field		**Production Engineering**	
Academic career			
	Date	Institution	Field
	01. 10. 2000	Mechanical Engineering Faculty	Production Engineering
Ph.D. degree	08. 12. 1988	Mechanical Engineering Faculty	Production Engineering
Specialization			
M.Sc. degree	06. 06. 1981	Mechanical Engineering Faculty	Production Engineering
B.Sc. degree	08. 11. 1976	Mechanical Engineering Faculty	Production Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Expert systems	MSc
2	Quality management	MSc
3	Quality management system and integrated management system	MSc

Representative references (at least 5, no more than 10)

1	Multi-response optimisation of thermosonic copper wire-bonding process with correlated responses, Tatjana V. Sibalija and Vidosav D. Majstorovic, The International Journal of Advanced Manufacturing Technology, 2009, Volume 42, Numbers 3-4, Pages 363-371, http://www.springerlink.com/content/?k=Majstorovic
2	An integrated approach to optimise parameter design of multi-response processes based on Taguchi method and artificial intelligence, Vidosav Majstorovic and Tatjana V. Sibalija, Journal of Intelligent Manufacturing, August 2010, http://www.springerlink.com/content/?k=Majstorovic.
3	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, Tatjana V. Sibalija, Sanja Z. Petronic, Vidosav D. INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol. 54, br. 5-8, str. 537-552.
4	An intelligent approach to robust multi-response process design, International Journal of Production Research, First published on 03 December 2010, Authors: Tatjana V. Sibalijaa; Vidosav D. Majstorovica; Zoran D. Miljkovica DOI: 10.1080/00207543.2010.511476 http://www.informaworld.com/smpp/content~content=a930664072~db=all~jumptype=rss
5	Sibalija Tatjana V,Majstorovic Vidosav D,Sokovic Mirko (2011) Taguchi-Based and Intelligent Optimisation of a Multi-Response Process Using Historical Data, STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, vol. 57, br. 4, str. 357-365.
6	Majstorovic Vidosav D (2001) The application of quality management system (QMS) - ISO 9001-2000, YUGOSLAV MEDICAL BIOCHEMISTRY, vol. 20, br. 4, str. 245-250
7	Cagnazzo, L., Šibalija, 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/l363176211443001 .
8	Majstorovic Vidosav D,Stefanovic N (2005) Six sigma - The methodology for acheiving total business excellence, AMST '05: Advanced Manufacturing Systems and Technology, Proceedings, vol. , br. 486, str. 739-748 (Proceedings Paper)
9	Majstorovic Vidosav D,Hodolic Janko,Stevic Miodrag J (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)
10	Model developed for the assessment of quality management level in manufacturing systems, Type: Research paper, Author(s): Milan D. Ivanovic, Vidosav D. Majstorovic Source: The TQM Magazine Volume: 18 Issue: 4 2006

Summary of teacher's scientific, artistic or professional activities

The total number of citations	112	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the SCI (SSCI) journals	8 (2001-2010); 17 (1987 – 2000)	The number of international projects in which the teacher is currently engaged	4

Advanced professional training

1. Purdue University, 1986 (three months); 2. Carl Zeiss (OPTON - CMM), 1988 (one month); 3. Norwegian University of Science and Technology - NTNU, 1989 (one week); 4. 'Université de Bordeaux, 1990 (one week); 5. University of Strathclyde, Glasgow, 1991-1992 (six months), 6. TU Vienna (since 1990 - several times) - (two months), 7. TU Budapest i HAS (Hungarian Academy of Sciences) (since 1985 - several times (about two months); 8. University of Yokohama, 1996 (one week); 9. Friedrich-Alexander-Universität Erlangen-Nürnberg, since 1998 - several times (about three weeks); 10. Erasmus University Rotterdam, 2010 (one week); 11. University of Stavanger, 2011 (one week); 12. Politechnico de Milano, 2010 (one week); 13. University of Tampere, 2006 (one week), 14. University of Wroclaw, 2011 (one week);etc.

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: C**IRP (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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Maneski Đ taško
Academic rank	Full professor
Name of the institution where the teacher works on a full-time basis	Faculty of Mechanical Engeneering Universyti of Belgrade
Date of employment	01.07.1976
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	1986.	Faculty of Mechanical Engeneering Belgrade	Production engeneering
B.Sc. degree	1976.	Faculty of Mechanical Engeneering Belgrade	Production engeneering

The list of courses taught

No.	Title of the course	Level of studies
1	Strenght of materials	OAS
2	Base strenght of structure	OAS
3	Finite element method	DAS
4	Finite element method	Doctoral

Representative references (at least 5, no more than 10)

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), QUINTESSENCE 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, artistic or professional 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	10	The number of international projects in which the teacher is currently engaged	2

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Markovic D Dragan	
Academic rank		Full Professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade Faculty of Mechanical Engineering	
Date of employment		03.01.1984.	
Particular scientific (artistic) field		Agricultural Engineering	
Academic career			
	Date	Institution	Field
Promotion	2002.	Faculty of Mechanical Engineering	Agricultural Engineering
Ph.D. degree	1991.	Faculty of Mechanical Engineering	Agricultural Engineering
Specialization			
M.Sc. degree	1987.	Faculty of Mechanical Engineering	Agricultural Engineering
B.Sc. degree	1982.	Faculty of Mechanical Engineering	Machinery

The list of courses taught

No.	Title of the course	Level of studies
1	Skill praxis B IBS	B. Sc.
2	Basics of agricultural machines and equipment	B. Sc.
3	Machines and equipment for food processing and production	B. Sc.
4	Engineering of biosystem	B. Sc.
5	Technological processes in agro compexs	M. Sc.
6	Tractors and self-propelled agriculural machines	M. Sc.
7	Design of agricultural machinery and equipment	M. Sc.
8	Processing technology of agricultural products	M. Sc.
9	Geoinformation and remote control of biotechnic systems	M. Sc.
10	Managing food safety and quality	M. Sc.
11	Design of machinery and equipment for production and processing of food	M. Sc.
12	Skill praxis M IBS	M. Sc.
13	Research, design and optimization of the tractor, drive and self-propelled agricultural machines and equipment	Ph. D.
14	Optimization and design of machinery and equipment for production and processing of food	Ph. D.

Representative references (at least 5, no more than 10)

1	Patent: "A plant for the cold processing of vegetables - peas," Patent No. P-1037/03, Intellectual Property, Patent Bulletin 2/2006, registered the patent, implemented in PIK Becej, RJ Flora, Belgrade, 2006.
2	Dragan Markovic, Branislav Živkovic, Nenad Kosanić, Ivana Markovic, Aleksandra Sretenovic: POSTHARVESTING TECHNOLOGY FOR FRUITS AND VEGETABLES IN SERBIA, Savremena poljoprivredna tehnika, Vol. 37, br. 4, Novi Sad, 2011, UDK 631 (05), YU ISSN 0350-2953
3	Dragan Markovic, Milan Veljic, Vojislav Simonovic, Marković Ivana: ECONOMIC INDICATORS OF PRECISION GUIDANCE IN CROP PRODUCTION IN AGRICULTURAL CORPORATION BELGRADE (PKB), FME TRANSACTION, Vol. 39, No.4, str. 185-189 UDK 621, YU ISSN 1451-2092
4	Dragan Markovic, Milan Veljic, Vojislav Simonovic, Maria Cebela: MODELING THE FLOW OF FRESH AND DEEP FROZEN CALIBRATED FRUIT BY ROTATING SIZING MACHINES, Journal of processing and energy in agriculture, 2010, Novi Sad, Vol. 15, No.2, str. 67 – 70, UDK 631.362
5	Dragan Markovic, Milan Veljic, Zarko Cebela, Sasa Bozic: SYSTEMS FOR OPTIC COLOR CALIBRATION, Journal of processing and energy in agriculture, Novi Sad, 2010, Vol. 14, No. 1, str. 23 – 26
6	Nikola Mladenović, Dragan Marković: NUMERICAL FLOW COMPUTATION OF FLUID MIXING, Traktori i pogonske mašine, JUMTO, Novi Sad, 2009, Vol. 14, No. 1, str. 99-104, UDK 631.372, ISSN 0354-9496
7	B. Rosic, M. Ristivojevic, D. Radovic, D. Markovic, Ž. Vasić: ANALYSIS AND MULTIOBJECTIVE DESIGN OPTIMIZATION OF PLANETARY GEAR TRAIN, Technics Technologies Education Management, Vol.7, No.3, 8/9. 2012
8	The technical solution-new line: D. Markovic, M. Veljić, M. Ristivojevic, F. Kosi, N. Mladenovic, J. Ilic Z. Trifkovic, N. Kosanić, D. Krstic, Z. Cebela; Lines for cold proccessing fruit (strawberry, raspberry, cherry, blackberry, black currant, blueberry, plum, ...) was introduced into production at the company "ELIXIR FOOD" - Elixir Group, Novi Sad, 2007.-2008.

9	The technical solution-new line: D. Markovic, M. Veljić, N. Mladenovic, M.. Ristivojevic, F. Kosi, Ž. Cebela, D. Krstic, J. Ilic, V. Simonovic, "A prototypical solution for the calibration of vibration system and integrated optical color sorting in line with the flow tunnel freezer," was introduced into production at the company ITN EKO-Povlen Kosjeric, 2009.
10	The technical solution-new line: D. Markovic, F. Kosi, M. Veljić, Z. Kosi, D. Krstic, V. Simonovic, A. Sretenovic M. Stojkovic: "The industrial prototype of an integrated system for the cooling of fruits and vegetables, a new product line, released in the company FRIKOM, Belgrade 2009.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	27	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the SCI (SSCI) journals	2	The number of international projects in which the teacher is currently engaged	

Advanced professional training

РАН-ИМАШ (Russia)

Other information considered relevant

GRAND PRIX for inventions "Invention-BELGRADE 2007".

Member of many professional organizations such as:
Academy of Engineering Sciences of Serbia, the Serbian Chamber of Engineers,
Union of Engineers and Technicians of Serbia
American Society of Mechanical Engineers ASME,
Yugoslav Scientific Society of Agricultural Engineering,
Yugoslav Society for engines, tractors, and maintenance
Society of Agricultural Engineering of Serbia.

Published 153 scientific papers, 80 projects, surveys and studies (25 realized in practice), 10 patents
(4 in series production), head 24 projects (13 strategic and innovation by the Ministry of Science and Technology),
22 projects directly apllied in industry

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Miladinovic, D., Ljubomir	
Academic rank		Full Time Professor	
Name of the institution where the teacher works on a full-time basis		University in Belgrade, Mechanical Engineering Faculty	
Date of employment		01.02.1980.	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	22.12.1982.	Mechanical Engineering Faculty in Belgrade	TMM
B.Sc. degree	06.12.1979.	Mechanical Engineering Faculty in Belgrade	TMM

The list of courses taught

No.	Title of the course	Level of studies
1	Constructive Geometry and Graphics	Bachelor
2	Engineering Graphics	Bachelor
3	Hidraulic and Pneumatic Mechanisms and Piping	Bachelor
4	Packaging Machines	Master
5	Mechanism and Handling Design in Food Industry	Master
6	Supstitution of Manual Tasks in Food Industry	Doctoral

Representative references (at least 5, no more than 10)

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 Phisics, 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, Д., 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
8	Миладиновић, Љ., Гобељић, А., Остојић, М., Пантелић, Т.: Проблеми уравнотежавања механичког ходача, Зборник радова са Југословенског симпозијума Машине и механизми - бука, вибрације и уравнотежавање ротора и машина, Београд, 11.-13. децембра 1980.
9	Kostić, M., Čavić, M., Sekulić, A., Miladinović, Lj.: Mechanism Application in Packaging Machines, Proceedings of International Symposium "Machines and Mechanisms", Belgrade, September, 2-5, 1997.
10	Монографија: Миладиновић, Љ., Стоименов, М., Вег, А.: „Машине за паковање“, издање Машинског факултета у Београду одлуком Декана бр. 22/05 од 01.12.2005., ISBN 86-7083-538-X

Summary of teacher's scientific, artistic or professional 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Milanovic D. Dragan	
Academic rank		Full Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering	
Date of employment		15.02.1986.	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	22.12.1987.	Faculty of Mechanical Engineering	Industrial Engineering
B.Sc. degree	17.10.1983.	Faculty of Mechanical Engineering	Industrial Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Introdustion in Industrial Engineering	OAS
2	Business Production Information Systems	OAS
3	Production and Operations Management 2	MAS
4	Management of production	DS
5	Design of information systems	DS
6	Modern concepts of organizations	DS

Representative references (at least 5, no more than 10)

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 Pablished, United State
3	Klarin Milivoj M., Milanovic Dragan D., Misita Mirjana Z., Spasojeviv 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 copmany, 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 TEHNOLOGIES EDUCACTION MANAGEMENT - TTEM, 2011, Sarajevo, Bosna i Hercegovina, vol. 6(
7	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, 115-126. IF=0,262
8	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
9	Milanovic, D.D., Misita, M., Information system for management and decision support, Faculty of Mechanical Engineering, Belgrade, 2008, pp. 205, ISBN 978-86-7083-642-6
10	Spasojevic-Brkic, V., Milanovic, D.D. at all, Qaltity management system and business performance, Faculty of Mechanical Engineering, Belgrade, 2012, pp. 252, ISBN 978-86-7083-741-6

Summary of teacher's scientific, artistic or professional 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Mlinovic P Momcilo	
Academic rank		Full Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		02.11.1992	
Particular scientific (artistic) field		Military Mechanical Engineering -Weapon-Systems	
Academic career			
	Date	Institution	Field
Promotion	15.10.2002	Faculty of Mechanical Engineering,University of Belgrade	WeaponSystems
Ph.D. degree	15.12.1991	FME, University of Belgrade	Rocket Systems
Specialization	10.10.1990	Purdue University W.L. Indiana, USA	Rocet Propulsion
M.Sc. degree	14.06.1985	FME, University of Belgrade	Rocket Propulsion
B.Sc. degree	20.09.1979		

The list of courses taught

No.	Title of the course	Level of studies
1	Missile weapon design	B.Sc.Studies
2	Introduction of weapon systems	B.Sc.Studies
3	System weapons design	B.Sc.Studies
4	Missile design	M.Sc.Studies
5	Launching Theory	M.Sc.Studies
6	Fire Control Systems	M.Sc.Studies
7	Launching equipment	M.Sc.Studies
8	Aerodynamics of Projectiles	M.Sc.Studies
9	Fire control and comand- information systems	Ph.D.Studies
10	Efficiency and releability of weapon	Ph.D.Studies

Representative references (at least 5, no more than 10)

1	M. Vukobratovic, B. Borovac, M. Rakovic, V. Potkonjak, M. Milinovic,On Some Aspects of Humanoid Robots Gait Synthesis and Control at Small DisturbancesInternational Journal of Humanoid Robotics 2008 Vol.5, Number 1 , March 2008, pp119-15 6 ISSN0219-8436
2	Ljubisa D. Tomic , Momcilo P. Milinovic,Experimental research of limits for thermal modulation transfer function,Thermal science,:Vol. 13 (2009), No. 4, pp.119-128,дои10.2298/TSCI0904119T
3	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
4	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
5	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.
6	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)
7	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)
8	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
9	Z. Jakšić, M. Milinović, D.Randjelović, 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
10	M.Milinović, Strojniški vestnik - Toward Interdisciplinary Research in Advanced TechnologiesJournal of Mechanical Engineering, ISSN 0039-2480, guest editorial, Special Issue, (2011-2012) , (M28)

Summary of teacher's scientific, artistic or professional activities

The total number of citations	10	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

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

Other information considered relevant

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

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

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Milošević-Mitić O. Vesna
Academic rank	Full professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade, Faculty of Mechanical Engineering
Date of employment	15.01.1990.
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	02.10.1992.	Faculty of Mechanical Engineering, Belgrade	Strength of constructions
B.Sc. degree	27.06.1989.	Faculty of Mechanical Engineering, Belgrade	Automatic control

The list of courses taught

No.	Title of the course	Level of studies
1	Strength of materials	BSC
2	Base on strength of constructions	BSC
3	Strength of constructions and FEM	MSC
4	Thermoelasticity	DS
5		

Representative references (at least 5, no more than 10)

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 no. 12, pp. 742-748
7	Gaćeša Branka, Maneski Taško, Milošević-Mitić Vesna, Condition and Behavior Diagnostics of Boiler Constructions, FME TRANSACTIONS, Vol 40, No. 2 (2012) pp. 87-92
8	V. Milošević-Mitić, T. Maneski, Temperature Loading of a Thin Metallic Plate Subjected Transversal to Law-Frequency Electromagnetic Field, FME TRANSACTIONS, Vol 38, No. 2 (2010) pp. 95-101
9	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
10	

Summary of teacher's scientific, artistic or professional activities

The total number of citations	3	The number of national projects in which the teacher is currently engaged	2
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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Milutinovic S. Dragan
Academic rank	Full professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade - Mechanical Engineering Faculty
Date of employment	1.7.1976.
Particular scientific (artistic) field	Production Engineering

Academic career

	Date	Institution	Field
Promotion	16.07.2002.	University of Belgrade - Mechanical Engineering Faculty	Production Engineering
Ph.D. degree	30.06.1987	University of Belgrade - Mechanical Engineering Faculty	Production Engineering
Specialization	1.10.1984. - 1.4.1986	The University of Tokyo, Faculty of Engineering	Robotics
M.Sc. degree	1.07.1981.	University of Belgrade - Mechanical Engineering Faculty	Production Engineering
B.Sc. degree	29.04.1976.	University of Belgrade - Mechanical Engineering Faculty	Production Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Industrial Robots	M.Sc.
2	New Generation of Machine Tools and Robots	M.Sc.
3	Intelligent Industrial Robots	Ph.D.
4	Industrial Robots Modelling and Simulation	Ph.D.

Representative references (at least 5, no more than 10)

1	Milutinovic D., Glavonjic M., Kvrgic 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., Kvrgic 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.
6	Milutinović, D., Turchen, M., Kimura, F., Sata, T., Milačić, V., A Model Based Vision System for Mechanical Parts Using a Small Computer, Robotics and Computer-Ingrated Manufacturing, (1987), Vol.3, No.4, pp. 439-449, doi:10.1016/0736-5845(87)90055-X
7	Milutinović, D., Makino, H., A New Robotics Mechanism Based on the SCARA Concept, Proceedings, 24th International Symposium on Industrial Robots, Tokyo, 1993, pp. 801-806
8	Milutinović, D., Universal Compliant Device Based on Scara Concept, Robotics and Computer Integrated Manufacturing, (1997), Vol. 13, No. 4, pp. 319-322, doi:10.1016/S0736-5845(97)00011-2
9	Milutinović D, Glavonjić M, Pose Measurement of Parallel Kinematic Machines with Serial Link Measuring System, in PARALLEL KINEMATIC MASHINES-Theoretical Aspects and Industrial Requirements, Eds. Boer, C.R, Molinari-Tosatti L. and Smith K.S, Springer-Verlag, 1999, pp. 189-203, ISBN 1-85233-613-7.
10	Milutinović, D., Glavonjić, M., and Makino, H., Parallel Kinematic Machines with Serial Link Measuring System, Proseedings 30th Inernational Symposium on Robotics, Tokyo, 1999, pp. 621-626

Summary of teacher's scientific, artistic or professional activities

The total number of citations	22	The number of national projects in which the teacher is currently engaged	1

The total number of papers published in the SCI (SSCI) journals	12	The number of international projects in which the teacher is currently engaged	0
Advanced professional training			
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 Associtation of Engineers) 2006 -			

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		**Miljković, Dj., Zoran**	
Academic rank		Full-time Professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade - Faculty of Mechanical Engineering	
Date of employment		1st February 1990	
Particular scientific (artistic) field		Production Engineering	
Academic career			
	Date	Institution	Field
Promotion	10th 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
Specialization			
M.Sc. degree	8th February 1994 (Master of Science)	University of Belgrade-Faculty of Mechanical Engineering	Production Engineering
M.Sc. degree (Dipl.-Eng.)	9th November 1988 (Dipl.-Eng.),	University of Belgrade-Faculty of Mechanical Engineering	Production Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Manufacturing technology	(BSc)
2	Computer simulation & artificial intelligence	(BSc)
3	Intelligent manufacturing systems	(MSc)
4	Decision-making methods	(MSc)
5	Autonomous systems and machine learning	(PhD)
6	Systems of artificial neural networks	(PhD)
7	Planning, performing and controlling projects	(PhD in English)
8	Artificial intelligence & machine learning	(PhD in English)
9	Competitive manufacturing management	(PhD in English)
10	Advanced manufacturing systems	(PhD in English)
11	Learning management systems	(PhD in English)

Representative references (at least 5, no more than 10)

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	Šibalija,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., Miljković,Z., 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 Marszalek, April 2011. (Science Citation Index-Web of Science® – IF = 0,075 (2011) → M23; извор KoBSON)
9	Stamenković,D., Kojić,D., Matija,L., Miljković,Z., 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., Miljković,Z., 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)

Summary of teacher's scientific, artistic or professional activities

The total number of citations	72 (53 SCI citations)	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the SCI (SSCI) journals	10	The number of international projects in which the teacher is currently engaged	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.

Prof. Dr. Zoran Miljković is an author or co-author of three books:
1.) Kalajdžić,M.(editor),Tanović,Lj.,Babić,B.,Glavonjić,M.,Miljković,Z., et al.,
CUTTING TECHNOLOGY, Handbook (ISBN 86-7083-623-5), LXXIX+453 p., University of Belgrade, Faculty of Mechanical Engineering, 1998 (I edition), 1999 (II edition), 2001 (III edition), 2004 (IV edition), 2006 (V edition), 2008 (VI edition), 2012 (VII edition).
2.) Miljković,Z., SYSTEMS OF ARTIFICIAL NEURAL NETWORKS IN PRODUCTION TECHNOLOGIES, Series Intelligent Manufacturing Systems, Vol. 8, Scientific monograph (ISBN 86-7083-455-3), VI+185 p., University of Belgrade, Faculty of Mechanical Engineering, 2003. The scientific monograph "Systems of Artificial Neural Networks in Production Technologies" won the prize "St. Sava" for the best book issued at the Faculty of Mechanical Engineering in 2003.
3.) Miljković,Z., Aleksendrić,D., ARTIFICIAL NEURAL NETWORKS – solved examples with theoretical background, Textbook (ISBN 978-86-7083-685-3), VI+225 p., University of Belgrade - Faculty of Mechanical Engineering, 2009.
The textbook "ARTIFICIAL NEURAL NETWORKS – solved examples with short theory background" won the prize "St. Sava" for the best book issued at the Faculty of Mechanical Engineering in 2009.

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Mitrović M.Radivoje	
Academic rank		Full time professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade Faculty of Mechanical Engineering	
Date of employment		1983.	
Particular scientific (artistic) 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
Specialization	1988.	University of Belgrade Faculty of Mechanical Engineering	Machine Design
M.Sc. degree	1981.	University of Belgrade Faculty of Mechanical Engineering	Machine Design
B.Sc. degree		University of Belgrade Faculty of Mechanical Engineering	Machine Design

The list of courses taught

No.	Title of the course	Level of studies
1	Machine Elements 1	BSc Studies
2	Machine Elements 2	BSc Studies
3	Design and Construction M	MSc Studies
4	Standards and Regulatives in Technic	MSc Studies
5	Load distribution - Analysis and Synthesis	PhD Studies
6	Selected Topics in Machine Elements - A	PhD Studies
7	Technical Legislation-Directives and Standards	PhD Studies
8	Selected Topics in Design and Construction - B	PhD Studies
9	Sliding and rolling bearings	PhD Studies

Representative references (at least 5, no more than 10)

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	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.
3	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.
4	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.
5	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.
6	Ristivojević M., Mitrović R.: „Load distribution - Gear Pairs andRolling Bearings“, Mašinski fakultet Univerziteta u Beogradu, Čigoja štampa, str. 1-264, ISBN 86-7558112-2, [COBISS.SR-ID 184519431], Beograd, Srbija, 2002.
7	Popović P., Mitrović R.: “Conformity Assesment of product - development and infrastructure”, Recenzenti: dr Dragutin Stanivuković i dr Gradimir Ivanović, Institut za nuklearne nauke VINČA, ISBN: 978-86-7306-098-9; Beograd, Srbija, 2009.

8	Krsmanović V., Mitrović R.: „Klizni i kotrljajni ležaji“, IV izdanje, Mašinski fakultet Univerziteta u Beogradu, Beograd, Srbija, 2004.
9	Mitrović R., Ristivojević M.: „Tolerances and fittings“, Zavod za udžbenike i nastavna sredstva, Beograd, Srbija, 2002.
10	Mitrović R.: „Inseparable joints“, Zavod za udžbenike i nastavna sredstva, Beograd, Srbija, 2005.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	15	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the SCI (SSCI) journals	10	The number of international projects in which the teacher is currently engaged	1

Advanced professional training

Russia 1987, Shekoslovakia 1990/91

Other information considered relevant

October reword - Chember Comerce of Belgrade, for Magisterium and PhD thesis

Bronse medal of Nikola Tesla, Association of Inventors Belgrade, 2007.

Member of National Comitee UNESCO

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Mitrović S. Zoran	
Academic rank		Full Professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment		19.2.1990.	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	27.9.1991.	University of Belgrade, Faculty of Mechanical Engineering	Automatic Control
B.Sc. degree	30.5.1988.	University of Belgrade, Faculty of Mechanical Engineering	Automatic Control

The list of courses taught

No.	Title of the course	Level of studies
1	Mechanics 1	BSc
2	Mechanics 2	BSc
3	Mechanics 3	BSc
4	Theory of mechanical vibration	BSc
5	Mechanics M	MSc
6	Theory of mechanical vibration	MSc
7	Selected chapters of mechanics	PhD
8	Oscillations of a Mechanical Systems	PhD
9	Stability of motion of a system	PhD

Representative references (at least 5, no more than 10)

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, artistic or professional activities

The total number of citations	12	The number of national projects in which the teacher is currently engaged	1
The total number of 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Micković, M, Dejan	
Academic rank		Full professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment		01.06.1994.	
Particular scientific (artistic) field		Military Engineering - Weapon Systems	
Academic career			
	Date	Institution	Field
Promotion	22.12.2010.	University of Belgrade, Faculty of Mechanical Engineering	Military Engineering - Weapon Systems
Ph.D. degree	25.04.2000.	University of Belgrade, Faculty of Mechanical Engineering	Military Engineering - Weapon Systems
Specialization			
M.Sc. degree	24.11.1993.	University of Belgrade, Faculty of Mechanical Engineering (nostrification)	Military Engineering - Weapon Systems
B.Sc. degree	04.10.1979.	University of Belgrade, Faculty of Mechanical Engineering	Thermal Science Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Explosive Applications	PhD studies
2	Propulsion of Projectiles	PhD studies
3	Terminal Ballistics	PhD studies
4	Artillery Weapons Design	MSc studies
5	Automatic Weapons	MSc studies
6	Interior Ballistics	MSc studies
7	Classical Armament Design	BSc studies
8	Fundamentals of Projectile Propulsion	BSc studies
9	Fundamentals of Weapon Systems Design	BSc studies
10	Introduction to Weapon Systems	BSc studies

Representative references (at least 5, no more than 10)

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
7	Micković D.: Treatment of Deterred Propellants in Interior Ballistic Calculations, FME Transaction, Vol. 38, No 3, 137-141
8	Micković D., Jaramaz S.: Theoretical and Experimental Investigations of Igniter Function, Theory and Practice of Energetic Materials, BIT Press, 277-283,1996
9	Jaramaz S., Micković D.: Modeling Two-Phase Flow of Gas-Solid Particles Mixture during Combustion, Theoretical and Applied Mechanics, 21, 47-59, 1995
10	Jaramaz S., Micković D.: Military Applications of Explosive Propulsion, FME Transactions, Vol 30, No1, 15-22

Summary of teacher's scientific, artistic or professional activities			
The total number of citations	21	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	6	The number of international projects in which the teacher is currently engaged	
Advanced professional training			
ENSTA (Ecole Nationale Supérieure de Technique Avancées), Paris, France, 1983. - 1985.			
Other information considered relevant			
Osnivački član International Ballistics Society			

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Motok, Dusan, Milorad	
Academic rank		Full professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineerig, Department of Naval Architecture	
Date of employment		01.07.1983.	
Particular scientific (artistic) field		Naval architecture	
Academic career			
	Date	Institution	Field
Promotion	2007	Faculty of Mechanical Engineerig	Naval architecture
Ph.D. degree	1995	Faculty of Mechanical Engineerig	Naval architecture
Specialization		Faculty of Mechanical Engineerig	Naval architecture
M.Sc. degree	1988	Faculty of Mechanical Engineerig	Naval architecture
B.Sc. degree	1981	Faculty of Mechanical Engineerig	Naval architecture

The list of courses taught

No.	Title of the course	Level of studies
1	Ship Structures 1	BSc
2	Ship Structures 2	MSc
3	Ship Strength 1	MSc
4	Ship Strength 2	MSc
5	Ship Design	MSc
6	Contemporary Trends in Ship Structural Design	PhD
7	Wave Induced Loads on Ships	PhD
8	Advanced Course in Numerical Methods for Ship Strength Analyses	PhD

Representative references (at least 5, no more than 10)

1	Motok, M., Jovovic, J.: Interpolation Procedures for Long Term Probability Prediction of Wave Induced Loads for Tankers and Container Ships, Journal of Ship techology, Vol. 6, No. 2, July 2010., 73-85.
2	Momclovic, N., Motok, M.: Estimation of Ship Lightweight Reduction by Means of Application of Sandwich Plate System, FME Transactions, New Series, Volume 37, Number 3, 2009., 123-128.
3	Motok, M., Rodic, T.: A Case of Unconventional Use of Finite Element Method in Ship Hydrostatic Calculation, International Shipbuilding Progress, Vol. 53, Issue 1, April 2006., Delft University Press.
4	Dzodzo,B., Hofman, M., Radojcic, D., Motok, M., Pejcic, M.: A Case of Excesive Lateral Vibration of Patrol Boat Shafting, Marine Technology, Vol.35, No.4, October 1998., 242-257, SNAME.
5	Motok, M.: Stress Concentration on the Contour of the Plate Opening of an Arbitrary Corner Radius of Curvature, Marine Structures, Vol.1 No.1 January 1997.,1-13, Elsevier Applied Science.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	3	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	1	The number of international projects in which the teacher is currently engaged	2

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Nedeljkovic S. Milos
Academic rank	Full Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade, Faculty of Mechanical Engineering
Date of employment	6.7.1981.
Particular scientific (artistic) field	Mechanical Engineering, Applied Fluid Mechanics, Fluid Machinery

Academic career

	Date	Institution	Field
Promotion	29.03.2002.	University of Belgrade, Fac.Mechanical Engineering	Fluid machinery
Ph.D. degree	09.06.1993.	University of Belgrade, Fac.Mechanical Engineering	Fluid machinery
Specialization			
Magister degree	10.06.1987.	University of Belgrade, Fac.Mechanical Engineering	Fluid machinery
Dipl.Ing. (M.Sc.) degree	15.09.1980.	University of Belgrade, Fac.Mechanical Engineering	Fluid mechanics

The list of courses taught

No.	Title of the course	Level of studies
1	Pumps and fans	master, bachelor
2	Pumps	master
3	Design of pumps, fans and turbocompressors	master
4	Fans and turbocompressors	master
5	Calculations in turbomachinery	master
6	Organization and methods of scientific and research work and communication	doctoral
7	Turbomachinery flow phenomena - design of cascades and blades of impellers	doctoral
8	Turbomachinery flow phenomena - computational fluid mechanics	doctoral

Representative references (at least 5, no more than 10)

1	Protic Z, Nedeljkovic M. Pumps and Fans. Problems, solutions, theory. Sixth edition, ISBN 86-7083-719-5, Publisher: Faculty of Mechanical Engineering University of Belgrade, Belgrade 2010. - monograph (in Serbian)
2	Benisek M, Nedeljkovic M, Kilibards R, Gerasimovic D. Measurement techniques. Collection of problems in fluid measurements. Third edition, ISBN 86-7083-574-6, Publisher: Faculty of Mechanical Engineering, University of Belgrade, Belgrade 2006. (in Serbian)
3	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
4	Protic Z, Nedeljkovic M. Matching of axial pump operating parameters in respect to technical demands of pumping system for achievement of more rational power consumption. Proceedings of the Conference: Pump Users International Forum 2004, CD ROM, Karlsruhe, Deutschland, 2004
5	Nedeljkovic M, Protic Z, Benisek M. Rotational Number as Criterion for Definition of Inlet Diameter of Radial Fan Impellers. ZAMM - Zeitschrift fuer Angewandte Mathematik und Mechanik, ISSN 0946-8463, Vol.81 (2001), Suppl.4, S.931-932, Wiley-VCH, Berlin, Deutschland
6	Benisek M, Protic Z, Nedeljkovic M. Matching of tube axial flow fan with straightline piping system. Proceedings of 30th conference on heating, cooling and air-conditioning, pp.137-143, Belgrade 1999. (in Serbian)
7	Nedeljkovic M. Design of pumps and fans produstion programme. Journal "Technics - Mechanical Engineering", Vol.30, No.4, pp.627(M7)-630(M10), Belgrade 1981. (in Serbian)
8	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.
9	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
10	Protic ZD, Nedeljković MS, Čantrak ĐS, Jankovic NZ. Novel Methods for Axial Fan Impeller Geometry Analysis and Experimental Investigations of the Generated Swirl Turbulent Flow. Thermal Science, Vol.14, Suppl. pp.125-139, Belgrade 2010

Summary of teacher's scientific, artistic or professional activities

The total number of citations	25	The number of national projects in which the teacher is currently engaged	2

The total number of papers published in the SCI (SSCI) journals	6	The number of international projects in which the teacher is currently engaged	2
Advanced professional training			
Several short visits to universities in Germany			
Other information considered relevant			
Award of Industrial chamber for the best PhD thesis			

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Aleksandar M Obradovic	
Academic rank		Full Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, Belgrade University	
Date of employment		28.2.1988.	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	26.11.1990.	Faculty of Mechanical Engineering, Belgrade University	Mechanics
B.Sc. degree	04.06.1987.	Faculty of Mechanical Engineering, Belgrade University	Production Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Mechanics 1	BsC
2	Mechanics 2	BsC
3	Mechanics 3	BsC
4	Theory of Mechanical Vibrations	MsC
5	Oscillations of a Mechanical Systems	PhD
6	Motion control of mechanical systems	PhD

Representative references (at least 5, no more than 10)

1	Vuković J., Obradović A., Linearne oscilacije mehaničkih sistema, Mašinski fakultet, Beograd, 2007.
2	Vuković J., Simonović M., Obradović A., Marković S., Zbirka zadataka iz dinamike, Mašinski fakultet, Beograd, 2007.
3	Obradović A., Marković S., Zbirka zadataka iz teorije oscilacija, Narodna knjiga, Beograd, 1996.
4	Vuković J., Simonović M., Marković S., Obradović A., Zbirka zadataka iz dinamike tačke, Univerzitet u Beogradu, 1998.
5	Vuković J., Simonović M., Obradović A., Marković S., Zbirka zadataka iz dinamike sistema, Univerzitet u Beogradu, 1999
6	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
7	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
8	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
9	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
10	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

Summary of teacher's scientific, artistic or professional activities

The total number of citations	18	The number of national projects in which the teacher is currently engaged	1
The total number of 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Ognjanović B. Milosav	
Academic rank		Full professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment		01.03.1975.	
Particular scientific (artistic) field		Machine design	
Academic career			
	Date	Institution	Field
Promotion	1996.	University of Belgrade, Faculty of Mechanical Engineering	Machine design
Ph.D. degree	1984.	University of Belgrade, Faculty of Mechanical Engineering	Machine design
Specialization			
M.Sc. degree	1974.	University of Belgrade, Faculty of Mechanical Engineering	Machine design
B.Sc. degree			

The list of courses taught

No.	Title of the course	Level of studies
1	Machine elements - 1	B.Sc.
2	Machine elements - 2	B.Sc.
3	Fundamentals of product development	B.Sc.
4	Machine design	B.Sc.
5	Development of machine systems	M.Sc.
6	Reliability of transmission drives	M.Sc.
7	Structure testing methods	Ph.D.
8	Product development in mechanical engineering	Ph.D.
9	Reliability and dinamics of power transmission units	Ph.D.
10	Engineering Design Methodology	Ph.D.

Representative references (at least 5, no more than 10)

1	Ognjanović M.: Machine elements (in serbian),-University of Belgrade, Faculty of Mechanical Engineering, 2011.
2	Ognjanović M.: Development and machine design (in serbian),-University of Belgrade, Faculty of Mechanical Engineering, 2007.
3	Ognjanović M.: Noise generation in mechanical systems (in serbian) -University of Belgrade, Faculty of Mechanical Engineering, 1995.
4	Ognjanović M.: Strenght and sealing of housihg of high presure (in serbian), -University of Belgrade, Faculty of Mechanical Engineering, 1997.
5	Ognjanovic, M.: Courses of Product Development Identification – Effects and Visions, - Proceedings of the 18. International Conference on Engineering Design – ICED'11, -University of Danmark, Kopenhagen-Lingby, 15-18 August 2011, Vol.2, pp 23-30
6	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
7	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
8	Ognjanovic, M., Milutinovic, M: Carryng capacity model of automotive gearboxes based on reliability as design constraint, - Proceedings of the International conference on gears – Europe invites the world, - VDI-Society for product and process design, - TUM-Technical University of Munich, October 3-6, 2010, Munich, Germany, VDI-Berichte 2108, pp 1377-1380.
9	Ciric-Kostic, S., Ognjanovic, M.: Vibration and noise generation in gear units caused by gear teeth impacts, - Proceedings of the International conference on gears – Europe invites the world, - VDI-Society for product and process design, - TUM-Technical University of Munich, October 3-6, 2010, Munich, Germany, VDI-Berichte 2108, pp 281-292.

10	Ognjanović, M.: Limitations and constraints in the robust design of gear drives, - Proceedings of the 3rd International Conference on Power Transmission ’ 09, Kallithea, Greece, 1-2 October 2009, pp 73-78.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	17 SCI citata, 120 domestic	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

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 filds panel of engineering sciences, University of Belgrade

Organiser of conferences in Experimental mechanics and Power Transmission.

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Petković D. Zoran	
Academic rank		Full Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, Belgrade University	
Date of employment			
Particular scientific (artistic) field		Material Handling, Constructions and Logistics	
Academic career			
	Date	Institution	Field
Promotion	25.10.2001.	Faculty of Mechanical Engineering, Belgrade University	Material Handling
Ph.D. degree	29.6.1990.	Faculty of Mechanical Engineering, Belgrade University	Material Handling
Specialization			
M.Sc. degree	06.07.1972.	Faculty of Mechanical Engineering, Belgrade University	Material Handling
B.Sc. degree			

The list of courses taught

No.	Title of the course	Level of studies
1	Fundamentals of Steel Structures	B.Sc.
2	Skill Praxice TKL	B.Sc.
3	Computer Aided Design in Material Handling Practice	M.Sc.
4	Structural and Stress Analysis	M.Sc.
5	Structural Analysis of Material Handling Machines	Ph.D.
6	Selected Topics in Material Handling, Construction and Logistics	Ph.D.

Representative references (at least 5, no more than 10)

1	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)
2	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)
3	Zrnić, N., Bošnjak, S., Gašić, V., Arsić, M., Petković, Z.: Failure Analysis of the Tower Crane Counterjib, Procedia Engineering, Vol. 10, pp. 2238–2243, 2011. (кат. M24)
4	Bošnjak, S., Petković, Z., Zrnić, N., Dunjić, M., Dragović, B.: Redesign of the Bucket Wheel Excavators Substructures Based on the Comparative Stress – Strain Analysis, Advanced Materials Research, Vol. 402, pp. 660-665, 2012. (кат. M24)
5	Bošnjak, S., Zrnić, N., Gašić, V., Petković, Z., Simonović, A.: External Load Variability of Multibucket Machines for Mechanization, Advanced Materials Research, Vol. 422, pp. 678-683, 2012. (кат. M24)
6	Petković, D. Z., Bošnjak, M. S., Gnjatović, B. N., Milenović, LJ. I.: The Design and Redesign of Mechanized Slipways, Proceedings of the VII Triennial International Conference Heavy Machinery 2011 - HM 2011, ISBN 978-86-82631-58-3, University of Kragujevac, Faculty of Mechanical Engineering Kraljevo, Vrnjačka Banja, 29 June - 02 July 2011, pp. 13-18 (D SESSION: DESIGN AND MECHANICS), 2011. (кат. M33)
7	Bošnjak, M. S., Petković, D. Z., Milojević, Z. G., Mihajlović, V. V.: The Design – in Faults as a Causes of the High Performance Machines Failures, Proceedings of the VII Triennial International Conference Heavy Machinery 2011 - HM 2011, ISBN ISBN 978-86-82631-58-3, University of Kragujevac, Faculty of Mechanical Engineering Kraljevo, Vrnjačka Banja, 29 June - 02 July 2011, pp. 55-60 (B SESSION: EARTH-MOVING AND TRANSPORTATION MACHINERY), 2011. (кат. M33)
8	Bošnjak, S., Petković, Z., Đorđević, M.: Tehnička rešenja kao fundamentalni rezultati projekta iz programa tehnološkog razvoja, Tehnika – Mašinstvo, Vol. 60, No 1, pp. 67 – 74, Beograd, 2011. (кат. M53)
9	Петковић, З., Острић, Д.: Металне конструкције у машиноградњи 1, Машински факултет, Београд, 1996.
10	Петковић, З.: Металне конструкције у машиноградњи 2, Машински факултет, Београд, 2005.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	SCOPUS: 8 hetero-citations; Google Scholar: 37 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	2	The number of international projects in which the teacher is currently engaged	0
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.			
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			

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Petrović B. Petar	
Academic rank		Full Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, Belgrade University	
Date of employment			
Particular scientific (artistic) field		Production Engineering	
Academic career			
	Date	Institution	Field
Promotion	04.12.2008.	Faculty of Mechanical Engineering, Belgrade University	Production Enigeering
Ph.D. degree	22.10.1996	Faculty of Mechanical Engineering, Belgrade University	Mechanical Engineering
Specialization			
M.Sc. degree	13.04.1989.	Faculty of Mechanical Engineering, Belgrade University	Mechanical Engineering
B.Sc. degree	04.03.1982.	Faculty of Mechanical Engineering, Belgrade University	Mechanical Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Engineering Cybernetics	Undergraduate academic studies
2	Manufacturing Systems Design	Master academic studies
3	Assembly Systems	Master academic studies
4	Mechatronics Systems	Master academic studies
5	Intelligent Automatization	Doctoral academic studies
6	Mechatronics and Adaptronics	Doctoral academic studies

Representative references (at least 5, no more than 10)

1	Petrović, P. B., 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	Petrović, P. B., 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.
3	Petrović, P. B., Milačić V., "A Concept of an Intelligent Fuzzy Control for Assembly Robot", Annals of the CIRP, Vol.47/1, 1998, pp: 9-12.
4	Petrović, P. B., Milačić V., "Closed-form Resolution Scheme of the Direct Kinematics of Parallel Link Systems Based on Redundant Sensory Information", Annals of the CIRP, Vol. 48/1, 1999, pp.: 341-344.
5	Petrović, P. B., Milačić V., Dželatović G., "New Feeding System For High Speed Assembly Of Small Parts", Annals of the CIRP, Vol.49/1, 2000, pp: 9-12.
6	Petrovic, P. B., 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
7	Petrovic, P. B., 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
8	Petrovic, P. B., 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
9	Petrovic, P. B., Jakovljevic, Z., Intelligent Real-time Cutting Tool Condition Monitoring Based on Discrete Wavelet Transform and Fuzzy Force Pattern Recognition, International IEEE Conference Mechatronics & Robotics, Aachen 2004, GERMANY, Vol. III, pp. 1078-1083.
10	Petrović, P. B., Inteligentni sistemi za montažu, Mašinski fakultet u Beogradu, 1999, ISBN 86-7083-342-6

Summary of teacher's scientific, artistic or professional 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 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Petrović,Vladan,Dragan	
Academic rank		full time professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment		24.05.1979	
Particular scientific (artistic) field		Theory of Mechanisms and machines, Engineering Drawing with Descriptive Geometry	
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
Specialization			
M.Sc. degree	14.06.1988.	Faculty of Mechanical Engineering	Mechanical Engineering
B.Sc. degree	20.07.1978.	Faculty of Mechanical Engineering	Mechanical Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Constructive Geometry and Graphics	Bachelor
2	Engineering Graphics	Bachelor
3	Food Processing Engineering Practice (B.Sc)	Bachelor
4	Food Processing Machinery	Master
5	Especial Chapters of Theory of Machines and Mechanisms	PhD

Representative references (at least 5, no more than 10)

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 Phisics, 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
6	Petrović, D.,:Hot baking tray transfer device, ВЕСТНИК МАШИНОСТРОЕНИЯ, 2007. No5, Moscow, Russia, Pages 76-79,ISSN 0042-4633.
7	Petrović, D.,:Biscuit forming and cuting rotary machine tool-operation synchronizing drive, ВЕСТНИК МАШИНОСТРОЕНИЯ, 2007. No6, Moscow, Russia, Pages 87-90,ISSN 0042-4633.
8	S. Djordjevic, D. Petrovic: "Engineering Graphics - Practical Exercises for" the subject of Engineering Graphics, published by the Faculty of Mechanical Engineering, 2009. CIP: 744 (075.8) (076), COBISS.SR ID 156017932
9	Lj. Miladinović, D. Petrović, R. Andrejević, R. Pajić: Concept Of Vibro-conveyor Based On Pneumatic Muscle , Proceedings REMUS '06, Niš, 27-28.09.2006, Pages 119-122 .

10	D. Petrović, R. Andrejević: The Dosage System Concept For The Plastic Consistency Nutrition Mass In The Continual Process, Proceedings REMUS '06, Niš, 27-28.09.2006, Pages 135-137.

Summary of teacher's scientific, artistic or professional activities

The total number of citations		The number of national projects in which the teacher is currently engaged	
The total number of 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

Recognized a number of patents, including "Apparatus for the treatment of degenerative diseases of the hip and lumbar-sacral spine," Patent No. 49,194 of 31.03.2004. , "Anatomic pillow", Patent No. 49,564 of 15.12.2006. and "Device kinetic treatment adductor muscle and hip abductor" of patent 23.01.2012.

"The design, manufacture, installation and commissioning of the 15 automatic production lines for hard biscuits and crackers capacity 550kg and 1200kg per hour. ".

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Petrovic V. Milan
Academic rank	Full Professor, PhD
Name of the institution where the teacher works on a full-time basis	University of Belgrade - Faculty of Mechanical Engineering
Date of employment	26.06.1984.
Particular scientific (artistic) field	Thermal Power Engineering

Academic career

	Date	Institution	Field
Promotion	24.12.2004.	University of Belgrade - Faculty of Mechanical Engineering	Thermal Power Engineering
Ph.D. degree	16.06.1995.	Univesity of Hanover - Institute of Turbomachniery, Germany	Thermal Power Engineering
Specialization			
M.Sc. degree	15.10.1989.	University of Belgrade - Faculty of Mechanical Engineering	Thermal Power Engineering
B.Sc. degree	16.06.1983.	University of Belgrade - Faculty of Mechanical Engineering	Thermal Power Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Steam Turbines 1	MSc
2	Steam Turbine 2	MSc
3	Gas Turbines	MSc
4	Turbocompressors	MSc
5	Introduction in Power Engineering (a part)	BSc
6	Thermal Turbomachinery	MSc
7	Schiff driving machines	MSc
8	Planing in Power Engineering	

Representative references (at least 5, no more than 10)

1	Petrovic, M.: Flow Calculation in Multistage Axial Flow Turbines at Nominal Load and Part Load, in German, (Berechnung der Meridianstroemung in mehrstufigen Axialturbinen bei Nenn- und Teillastbetrieb), VDI-Verlag GmbH, Düsseldorf, 1995, 124 Seiten, ISBN 3-18-328007-8
2	Turbomachinery – Fluid Dynamic and Thermodynamic Aspects, (A chapter by Petrovic, M. and Riess, W.) VDI Berichte 1185, VDI Verlag 1995, ISBN 3-18-091185-9
3	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
4	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
5	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
6	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
7	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
8	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
9	Petrovic, M.: Flowfield Calculation of NGF60/NGF50 Siemens Gas Turbine, University of Belgrade - Faculty of Mechanical Engineering, LTT-02/11, 2011
10	Trifunovic, R, Cvetic,M., Petrovic, M. Development of Turbocharger PPT TK-401 for turbocharging of IC Diesel Engines of 300 kW. Univeristy of Belgrade-Faculty of Mechanical Engineering 1990.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	30	The number of national projects in which the teacher is currently engaged	5
The total number of papers published in the SCI (SSCI) journals	6	The number of international projects in which the teacher is currently engaged	2
Advanced professional training			
Univesity of Hannover, Germany, 1989.-1995. Pennsylvania State Universiy, USA, 1998.			
Other information considered relevant			

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Petrovic I. Zlatko	
Academic rank		Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		Oct. 1. 1976.	
Particular scientific (artistic) field		Aeronautics, Computationl methods.	
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
Specialization			
M.Sc. degree	15.10.1979.	University of Belgrade - Faculty of Mechanical Engineering	Aeronautics
B.Sc. degree	12.11.1975.	University of Belgrade - Faculty of Mechanical Engineering	Aeronautics

The list of courses taught

No.	Title of the course	Level of studies
1	Engineering comunications	DAS
2	Numerical Methods in continuum calculations	MAS
3	Aerial vehicle Design (serbian)	MAS
4	Helicopters	MAS
5	Aerial vehicle design and production technologies	DAS
6	Numerical Methods in Engineering	MAS
7	Research and Development Methodology	MAS
8	Aircraft Design	MAS
9	Aerial Vehicle Design	MAS
10	Advanced Numerical Methods in Engineering	MAS
11	Algorihams and data structures	MAS
12	Aircraft Integration	MAS
13	Missile system integration	MAS
14	Quality Assurance and Control	MAS
15	Computational Aerodynamics	MAS

Representative references (at least 5, no more than 10)

1	З. Петровић, Одређивање струјног поља око аеропрофила методом коначних елемената, Магистарски рад, Машински факултет Београд, 1979.
2	З. Петровић, Одређиванје струјних линија у потенцијалном струјном пољу методом коначних елемената, Компјутерске методе у аеротехници, Београд, 1980.
3	З. Петровић, С. Ступар, Пројектовање рачунаром - Метод коначних разлика, Универзитет у Београду, 1996, ИСБН 86-81019-09-0
4	Т. Драговић, З. Петровић, С. Ступар, и други, Технолошки поступак израде калупа лопатице хеликоптера, Институт Машинског факултета, Београд, 1982.
5	Т. Драговић, З. Петровић, С. Ступар, и други, Извештај о пројекту детаљног дизајна аеродинамичког пакета за трисонични аеротунел Т38 ВТИ Жарково, Институт Машинског факултета, Београд, 1982.
6	З. Петровић, Д. Прица, Софтвер за мерење притисака за примарни мерни систем тунела Т38 ВТИ Жарково, Институт Машинског Факултета, Београд 1984.
7	З. Петровић, С. Ступар,Потпуно стабилна шема за прорачун трансоничног струјања методом коначних елемената, Конгрес ЈАД-а, Мостар, 1987.
8	З. Петровић, С. Ступар, Општи поступак за дводимензионалне тунелске корекције, 19. Југословенски конгрес примењене и теоријске механике, Охрид, 1990.
9	Zivanovic M., Petrovic Z., Zivanovic M. M., "Possible kinematic law of living being motion", Robotics and Autonomous Systems (2011), Vol 56

10	Ivanovic I., Petrovic Z., Stupar S., "Helicopter Rotor Blade Shape Optimization using NURBS for Airfoil Shape…, (2009), AIP vol 1168.

Summary of teacher's scientific, artistic or professional activities

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

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Pokrajac U. Slobodan	
Academic rank		Full Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		10.07.1974.	
Particular scientific (artistic) field		Economics and Management	
Academic career			
	Date	Institution	Field
Promotion	15.03.2001.	Faculty of Mechanical Engineering, University of Belgrade	Economics and Management
Ph.D. degree	15.07.1989.	Faculty of Economics, University of Belgrade	Economics
Specialization			
M.Sc. degree	28.06.1978.	Faculty of Economics, University of Belgrade	Economics
B.Sc. degree	13.12.1973.	Faculty of Economics, University of Belgrade	Economics

The list of courses taught

No.	Title of the course	Level of studies
1	Fundamentals of Sociology and Economics	BAS
2	Business Management	BAS
3	Industrial Management	GAS

Representative references (at least 5, no more than 10)

1	Technology and social changes: strategy of innovation and management, Monograph, Belgrade, 1994,
2	Transition and technology, Monograph, Belgrade, 2000,
3	Management of change and change of management, Monograph, Belgrade, 2001,
4	Technology-transition-globalisation, Monograph, Belgrade, 2002
5	Entrepreneurship: challenges and paths of "creative destruction" of Serbian economy, Monograph, Belgrade,2010
6	Management, Textbook, Novi Sad, 2011

Summary of teacher's scientific, artistic or professional activities

The total number of citations	90	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals		The number of international projects in which the teacher is currently engaged	

Advanced professional training

London School of Economics, Great Britain

Other information considered relevant

Member of Scientific Society of Serbia

Member of Scientific Society of Economists

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Prokić Cvetković, M. Radica
Academic rank	full profesor
Name of the institution where the teacher works on a full-time basis	Facilty Mechanical Engineering, Universitay of Belgrade
Date of employment	02.04.1990.
Particular scientific (artistic) field	Engineering Materials and Welding
Academic career	

	Date	Institution	Field
Promotion	16.03.2011.	Facilty Mechanical Engineering, Universitay of Belgrade	Engineering Materials and Welding
Ph.D. degree	09.05.2000.	Facilty Mechanical Engineering, Universitay of Belgrade	Engineering Materials and Welding
Specialization			
M.Sc. degree	14.09.1998.	Facilty of Technology and Metalurgy	Metallurgy
B.Sc. degree			

The list of courses taught

No.	Title of the course	Level of studies
1	Engineering materials 1	Bachelor studies
2	Engineering materials 2	Bachelor studies
3	Basic of welding B	Bachelor studies
4	Basic of welding M	Master studies
5	Material Science and Engineering	Doctoral studies

Representative references (at least 5, no more than 10)

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.Buyukyildrim, 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-Tehnical 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. Šibalija, 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, artistic or professional 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	

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Radojčić V. Dejan	
Academic rank		professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment		01.09.1979.	
Particular scientific (artistic) field		naval architecture	
Academic career			
	Date	Institution	Field
Promotion	2001	Faculty of Mechanical Engineering, Belgrade	naval architecture
Ph.D. degree	1987	Faculty of Mechanical Engineering, Belgrade	ship hydrodynamics
Specialization			
M.Sc. degree	1982	Faculty of Mechanical Engineering, Belgrade	ship hydrodynamics
B.Sc. degree	1975	Faculty of Mechanical Engineering, Belgrade	mechanical engineer

The list of courses taught

No.	Title of the course	Level of studies
1	Ship equipment	BSc
2	Ship maneuvering	MSc
3	Ship resistance	MSc
4	Ship propulsion	MSc
5	Ship design	MSc
6	Topics on ship hydrodynamics	PhD
7	High speed craft	PhD

Representative references (at least 5, no more than 10)

1	Radojcic, D. "A Statistical Method for Calculation of Resistance of the Stepless Planing Hulls", International Shipbuilding Progress, Vol. 31, No. 364, pp. 296-309, Rotterdam, 1984.
2	Radojcic, D. "An Engineering Approach to Predicting the Hydrodynamic Performance of Planing Craft Using Computer Techniques", Transactions of The Royal Institution of Naval Architects, Volume 133, pp. 251-267, London, 1991.
3	Radojcic, D., Rodic, T., Kostic, N. “Resistance and Trim Predictions for the NPL High Speed Round Bilge Displacement Hull Series”, Int. Conf. on Power, Performance & Operability of Small Craft, The Royal Institution of Naval Architects, pp. 10.1-10.14, Southampton, 1997.
4	Radojcic, D. “Tip-Driven Marine Propellers and Impellers - A Novel Propulsion Concept”, Propellers/Shafting ‘97 Symposium, The Society of Naval Architects and Marine Engineers, pp. 15.1-15.6, Virginia Beach, 1997.
5	Radojcic, D., Matic, D. “Regression Analysis of Surface Piercing Propeller Series”, IV High Speed Marine Vehicle Conference, ATENA, CETENA, Dipartimento di Ingegneria Navale, pp. 2.3-2.12, Sorrento, 1997.
6	Djodjo, B., Hofman, M., Radojcic, D., Motok, M., Pejcic, M. “A Case of Excessive Lateral Vibrations of Patrol Boat Shafting: Failures, Analysis and Solution”, Marine Technology, Vol. 35, No 4, pp. 242-256, New Jersey, Oct. 1998.
7	Radojcic, D., Princevac, M., Rodic, T. “Resistance and Trim Predictions for the SKLAD Semidisplacement Hull Series”, Oceanic Engineering International, Vol. 3, No. 1, pp. 34-50, Newfoundland, 1999.
8	Muller-Graf, B., Radojcic, D., Simic, A. “Resistance and Propulsion Characteristics of the VWS Hard Chine Catamaran Hull Series ‘89”, Transactions of the Society of Naval Architects and Marine Engineers, presented at the Annual Meeting, Boston, Sept. 2002, Vol. 110, p. 27, New York, 2003.
9	Radojcic, D., Simic, A., Kalajdzic, M. “Fifty Years of the Gawn-Burrill KCA Propeller Series”, International Journal of Small Craft Technology, RINA, Vol. 151 Part B2, pp 9-17, 2009.
10	Radojcic, D., Bowles, J. “On High Speed Monohulls in Shallow Water”, The Second Chesapeake Power Boat Symposium, SNAME, Annapolis, p.19, March 2010.

Summary of teacher's scientific, artistic or professional 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	2	The number of international projects in which the teacher is currently engaged	2

Advanced professional training

United Kingdom, Southampton Univ. (1 year 1985/1986); Germany, Duisburg, DST (2 months, 2000)

Other information considered relevant

Participating in European Projects - FP4, FP5, FP6 and FP7

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Rašuo P. Boško	
Academic rank		Full Professor	
Name of the institution where the teacher works on a full-time basis		Aeronautical Department, Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		20.12.1974	
Particular scientific (artistic) field		Aeronautics	
Academic career			
	Date	Institution	Field
Promotion	15.04.2000	Faculty of Mechanical Engineering, University of Belgrade	Aeronautics
Ph.D. degree	28.06.1988	Faculty of Mechanical Engineering, University of Belgrade	Aeronautics
Specialization			
M.Sc. degree	26.06.1980	Faculty of Mechanical Engineering, University of Belgrade	Aeronautics
B.Sc. degree			

The list of courses taught

No.	Title of the course	Level of studies
1	Mechanics of Flight	OAS
2	Aircraft Performance	MAS
3	Flight Dynamics	MAS
4	Bionics in Design	MAS
5	Aircraft Maintenance	MAS
6	Design and Aircraft Production Technology	MAS
7	Flight Mechanics	DS
8	Flight Dynamics	DS
9	Selected topics in aerodynamics	DS
10	Aeronautical Safeguarding	DS
11	Aircraft Production Technology	DS
12	Selected topics in composite structures	DS
13	Bionics	DS

Representative references (at least 5, no more than 10)

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 Yury GAGARIN, (M. Liberzon, Editor-in-Chief), 2010, Moscow, Russia, ISBN 978-5-98625-093-9.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	100	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	14	The number of international projects in which the teacher is currently engaged	

Advanced professional training

Goettingen 2000, 2004, 2006 - Boeing (Renton 2001, Everett, 2001, 2008) - Stuttgart 1998, 2002, 2007 - Munich 2007, 2008, 2009 - ONERA Paris 2009 - Bristol 2010 - Airbus (Broughton, 2009, Toulouse, 2011), Darmstat 2012 etc.

Other information considered relevant

MEMBERSHIP IN SCIENTIFIC SOCIETES:
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 Astronautically Federation,
Member, YSM – (JMD), Yugoslav Society of Mechanics,
Member, YAS – (JVD), Yugoslav Aerospace Society, President of national Society.

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Ristivojević R. Mileta
Academic rank	Full time preofessor
Name of the institution where the teacher works on a full-time basis	University of Belgrade Faculty of Mechanical Engineering
Date of employment	1981.
Particular scientific (artistic) field	Machine Design (OMK)

Academic career

	Date	Institution	Field
Promotion	2003.	University of Belgrade Faculty of Mechanical Engineering	Machine Design
Ph.D. degree	1991.	University of Belgrade Faculty of Mechanical Engineering	Machine Design
Specialization	1985.	University of Belgrade Faculty of Mechanical Engineering	Machine Design
M.Sc. degree	1980.	University of Belgrade Faculty of Mechanical Engineering	Machine Design
B.Sc. degree		University of Belgrade Faculty of Mechanical Engineering	Machine Design

The list of courses taught

No.	Title of the course	Level of studies
1	Machine Elements 1	BSc Studies
2	Machine Elements 2	BSc Studies
3	Fundamentals of machine design	BSc Studies
4	Reparation of machine parts and assanblys	BSc Studies
5	Reliability of structures	MSc Studies
6	Selected Topics in Machine Elements - A	PhD Studies
7	Load distribution1 - Analysis and Synthesis	PhD Studies
8	Selected Topics in Design and Construction - A	PhD Studies

Representative references (at least 5, no more than 10)

1. Stamenić Z., Ristivojević M., Tasić M., Mitrović R.: „Influence of the geometry parameters of Cardan joint rolling elements on the load distribution", FME Transactions, Vol. 40, No 3, University of Belgrade Faculty of Mechanical Engineering, pp 121-129, ISSN 1451-2092, 2012
2. 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.
3. 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.
4. Ristivojević, M.R., Ristivojević, M.A.: Mashinery Testing, for IV grade Technical Schools, Belgrad, 2013
5. Ristivojević, M.: Thread joints, Belgrade, 2002
6. Ristivojević M., Mitrović R.: „Load distribution - Gear Pairs andRolling Bearings", Mašinski fakultet Univerziteta u Beogradu, Čigoja štampa, str. 1-264, ISBN 86-7558112-2, [COBISS.SR-ID 184519431], Beograd, Srbija, 2002.
7. Mitrović R., Ristivojević M.: „Tolerances and fittings", Zavod za udžbenike i nastavna sredstva, Beograd, Srbija, 2002.
8. Ristivojević, M.: Springs and clamp joints, Zavod za udžbenike i nastavna sredstva, Beograd, 2005
9. Ristivojević, M.: Gears – 1, Kinematic and control, Zavod za udžbenike i nastavna sredstva, Beograd, 2005
10. Ristivojević, M.: Gears – 2, Load and i capacity, Zavod za udžbenike i nastavna sredstva, Beograd, 2005

Summary of teacher's scientific, artistic or professional 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 SCI (SSCI) journals	8	The number of international projects in which the teacher is currently engaged	

Advanced professional training

Other information considered relevant

October reword - Chember Comerce of Belgrade, for Magisterium thesis

Bronse medal of Nikola Tesla, Association of Inventors Belgrade, 2007.

Silver medal of Nikola Tesla, Association of Inventors Belgrade, 2008.

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Aleksandar S. Sedmak
Academic rank	Full Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade - Faculty of Mechanical Engineering
Date of employment	01.09.1979
Particular scientific (artistic) field	Materials Technology

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
Specialization			
M.Sc. degree	28.06.1982.	Faculty of Mechanical Engineering, Belgrade	structure analysis
B.Sc. degree	10.10.1978	Faculty of Mechanical Engineering, Belgrade	hydropower

The list of courses taught

No.	Title of the course	Level of studies
1	Professional Practice B - WWS	B.Sc.
2	Design and Testing of Welded Structures	B.Sc.
3	Finite Element Method	M.Sc.
4	Biomaterials in Medicine and Dentistry	M.Sc.
5	Welding Technology	M.Sc.
6	Structural Integrity	M.Sc.
7	Professional Practice M - WWS	M.Sc.
8	Welded Structure Integrity	M.Sc.
9	Welding Processes	M.Sc.
10	Welding Metallurgy	M.Sc.
11	Design of Welded Structures	M.Sc.
12	Numerical Analysis of Welding Process	M.Sc.
13	Basic Principles of Fracture Mechanics	Ph.D.
14	Numerical Simulation of Welding Processes	Ph.D.
15	Application of Fracture Mechanics to Structural Integrity	Ph.D.
16	Computational Fracture Mechanics	Ph.D.
17	Contemporary Biomedical Engineering	Ph.D.
18	Modern biomedical and dental devices	Ph.D.
19	Structural Integrity	Ph.D.
20	Welded Structures	Ph.D.
21	Welding Technology	Ph.D.
22	Non-Destructive-Testing	Ph.D.
23	Advanced Fracture Mechanics	Ph.D.

Representative references (at least 5, no more than 10)

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 ():193-201 (ISBN 0261-3069)
3	Popovic, Olivera; Prokic-Cvetkovic, Radica; **Sedmak, Aleksandar**; Buyukyildrim, 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. Ćatić, 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)

Summary of teacher's scientific, artistic or professional activities

The total number of citatio	91	The number of national projects in which the teacher is currently engaged	2
The total number of 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Spalević, M, Miodrag	
Academic rank		Full Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		May 13, 2008	
Particular scientific (artistic) field		Mathematics and computer science	
Academic career			
	Date	Institution	Field
Promotion	May 13, 2008	Faculty of Mechanical Engineering, University of Belgrade	Mathematics and computer science
Ph.D. degree	Year 1997	Faculty of Science, University of Kragujevac	Mathematis
Specialization			
M.Sc. degree	Year 1994	Faculty of Philosophy, University of Niš	Numerical Analysis
B.Sc. degree	Year 1986	Faculty of Science, University of Kragujevac	Mathematics and informatics

The list of courses taught

No.	Title of the course	Level of studies
1	Mathematics 1	B.Sc.
2	Mathematics 2	B.Sc.
3	Mathematics 3	B.Sc.
4	Numerical Methods	B.Sc.
5	Numerical Methods	Ph.D.

Representative references (at least 5, no more than 10)

1	M.M. Spalević: Bessel's inequality in terms of a basis of V_k, Acta. Sci. Math. (Szeged) 65 (1999) 169-177.
2	M.M. Spalević: Product of Turan Quadratures for Cube, Simplex, Surface of the Sphere, $\overline E^r_n$, $E_n^{r^2}$}, J. Comput. Appl. Math. 106 (1999) 99--115.
3	G.V. Milovanović, M.M. Spalević: Error bounds for Gauss-Turan quadrature formulas of analytic functions, Math. Comp. 72 (2003) 1855--1872.
4	G.V. Milovanović, M.M. Spalević: An error expansion for some Gauss-Turan quadratures and L^1-estimates of the remainder term, BIT Numerical Mathematics (2005) 45: 117--136.
5	G.V. Milovanović, M.M. Spalević: Bounds of the error of Gauss--Turan-type quadratures, J. Comput. Appl. Math. 178 (2005) 333–-346.
6	M.M. Spalević: On generalized averaged Gaussian formulas, Math. Comp. 76 (2007) 1483--1492.
7	M.M. Spalević: A note on generalized averaged Gaussian formulas, Numer. Algorithms 76 (2007) 253--264.
8	G.V. Milovanović, M.M. Spalević, M.S. Pranić: Error estimates for Gauss-Turan quadratures and their Kronrod extensions, IMA J. Numer. Anal. 29 (2009) 486--507.
9	M.M. Spalević: Error estimates of anti-Gaussian quadrature formulae, J. Comput. Appl. Math. 236 (2012) 3542--3555.
10	A.V. Pejčev, M.M. Spalević: Error bounds for Gaussian quadrature formulae with Bernstein-Szeg\H o weights that are rational modifications of Chebyshev weight functions of the second kind, IMA J. Numer. Anal. 32 (2012) 1733--1754

Summary of teacher's scientific, artistic or professional activities

The total number of citations	50	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	27	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant

Visiting scientist: Linz University [Austria, May 2004]; University of Modena and Reggio Emilia (Italy) [January, February 2007]; Universidad Politecnica de Madrid (Spain) [June, 2012]

Meetings organization 3 times, one of them was international

Supervising 2 MSc and 2 PhD works

Participating on more than 30 conferences and congesses (mainly international), the most of which are in applied mathematics

Leader of 2 Serbian scientific project for the periods 2006-2010, 2011-2014; The researcher of A1, the top range in the Serbian scientific projects for basic researches in the period 2002 -- 2012

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Stanojević M. Miroslav	
Academic rank		full professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering	
Date of employment		01.01.1978.	
Particular scientific (artistic) field		Process engineering	
Academic career			
	Date	Institution	Field
Promotion	10.04.2008.	Faculty of Mechanical Engineering	Process engineering
Ph.D. degree	09.02.1995.	Faculty of Mechanical Engineering	Process engineering
Specialization	10.-.12.1983.	Faculty of Mechanical Engineering	Process engineering
M.Sc. degree	12.07.1982.	Faculty of Mechanical Engineering	Process engineering
B.Sc. degree	10.07.1975.	Faculty of Mechanical Engineering	Process engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Biotechnology	MS.c.
2	Measurements and control in process industry	MS.c.
3	Mechanical and hydromechanical operations and equipment	MS.c.
4	Waste and wastewater management	MS.c.
5	Advanced course of mechanical and hydromechanical operations and equipment	Ph.D.
6	Industrial energetics and high temperature processes and devices	Ph.D.

Representative references (at least 5, no more than 10)

1	Kuburović, M., Stanojević, M.: Biotechnology – processes and equipment, SMEITS, Belgrade, 1997, p. 298.,ID = 55358476
2	Jankes, G, Stanojević, M., Stamenić, M.: Industrial fournaces and boilers, II revised edition, Mecanical faculty University of Belgrade, Belgrade, 2001, p. 275., ISBN 86-7083-416-6
3	Antić, M., Jankes, G., Kuburović, M., Stanojević, M, Karan, M., Petrov, A.: Industrial fournaces (Chapter 4), Handbook of Thermal Engineering , Poslovna politika, Belgrade, 1992., p.79-208., ISBN 86-7007-017-0
4	Kuburović, M., Jovović, A., Stanojević, M, Karan, M., Radić, D., Petrov, A.: Environmental Protection (Chapter 15), p. 644-856., Handbook of Thermal Engineering, том 2, III revised edition, Interklima grafika – Vrnjačka Banja, SMEITS – Belgrade, Belgrade, 2004., p. 856., ISBN 86-82685-03-5
5	Stanojević, M.: Membrane separation processes (Chapter 5), p. 201-237., Bogner, M., Stanojević, M., Livo, L.: Purification and filtration of gases and liquids p. Eta – Belgrade, 2006., p. 399., ISBN 86-85361-06-0.
6	Stanojević, M., Simić, S., Radić, D., Jovović, A.: Wastewater aeration, theory and calculation, Eta-Belgrade, 2006., p. 116., ISBN 86-85361-07-9.
7	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., (IF2007 = 1,500)
8	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., (IF2007 = 0,448)
9	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) pp. 213-217., (2010)
10	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., (IF2010 = 0,62)

Summary of teacher's scientific, artistic or professional 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 SCI (SSCI) journals	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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Stevanovic D. Vladimir	
Academic rank		Full professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		16.01.1985.	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	27.10.1986	Faculty of Mechanical Engineering University of Belgrade	Thermal Power Engineering
B.Sc. degree	21.09.1983	Faculty of Mechanical Engineering University of Belgrade	Thermal Power Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Introduction to Energetics	BSc
2	Nuclear reactors	MSc
3	Steam generators	MSc
4	Energy Planning	MSc
5	Two-Phase Flows with Phase Transition	MSc
6	Computer simulations of thermalhydraulic processes and CFD	MSc
7	Technical and Technological Development and Innovation Activity	MSc
8	Environmental protection in Thermal Power Engineering	MSc
9	Modelling of thermalhydraulic transients	PhD
10	Computational Multi-Fluid Dynamics	PhD

Representative references (at least 5, no more than 10)

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	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.
4	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.
5	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.
6	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.
7	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** (2006) 2420-2436.
8	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.
9	Stevanovic, V., An analytical model for gas absorption in open-channel flow, International Communications in Heat and Mass Transfer, **24** (1997) 1187-1194.
10	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.

Summary of teacher's scientific, artistic or professional activities			
The total number of citations	105	The number of national projects in which the teacher is currently engaged	2
The total number of 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Stefanović A. Zoran	
Academic rank		full time professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment		01.02.1974	
Particular scientific (artistic) field		aeronautics	
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
Specialization			
M.Sc. degree	23.6.1980	University of Belgrade, Faculty of Mech. Eng.	aerodynamics
B.Sc. degree	20.6.1973	University of Belgrade, Faculty of Mech.Eng.	aeronautics

The list of courses taught

No.	Title of the course	Level of studies
1	Applied Aerodynamics	MSc
2	High Speed Aerodynamics	MSc
3	Gas Dynamics & CFD	MSc
4	Flight Mechanics	MSc
5	Wind Tunnel Testing	MSc
6	Nozzle Flow Analysis and Thrust Vector Control	MSc
7	Slected Topics in Fluid Mechanics	PhD
8	Advanced Gas Dynamics	PhD
9	Nozzle Design and Flow Analysis	PhD
10	Boundary Layer nad Control of Flow Separation	PhD
11	Airfoils and Hydrofoils	PhD
12	Learning Management Systems	PhD

Representative references (at least 5, no more than 10)

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 СИСТЕМЊИ 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	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
8	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
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

Summary of teacher's scientific, artistic or professional activities

The total number of citations	4	The number of national projects in which the teacher is currently engaged	
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

Centro Spacio, Piza, Italy, 1991-1992

Other information considered relevant

Award Свети Сава for best book published in 2005.

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Stoimenov D. Miodrag	
Academic rank		full time professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment			
Particular scientific (artistic) field		Theory of Mechanisms and machines, Engineering Drawing with Descriptive Geometry	
Academic career			
	Date	Institution	Field
Promotion	01.02.2012.	Faculty of Mechanical Engineering	Mechanical Engineering
Ph.D. degree	13.11.1992.	Faculty of Mechanical Engineering	Mechanical Engineering
Specialization			
M.Sc. degree	20.12.1984.	Faculty of Mechanical Engineering	Mechanical Engineering
B.Sc. degree	25.07.1975.	Faculty of Mechanical Engineering	Mechanical Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Constructive Geometry and Graphics	bachelor
2	Engineering Graphics	bachelor
3	Basic Technological Operations in Food Industry	bachelor
4	Mechanisms Design	bachelor
5	Food Processing Engineering Practice (M.Sc)	master
6	Mechanisms Synthesis	doctoral

Representative references (at least 5, no more than 10)

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), Pages 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, Pages 79 - 93, 2011, ISSN 1333-1124, IF 2010 = 0,143
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 Phisics, Vol. 49(10), Pages 657 - 664, October 2011, ISSN 0019-5596, IF 2010 = 0,511
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, Vol. 36, No. M1, pp 95-106 Printed in The Islamic Republic of Iran, 2012.,ISSN 1028-6284, IF 2010 = 0,283
5	Stoimenov, M.: L'equivalence Totale du Quadrilatere Articule et du Mecanisme Glissant a Manivelle, Proceedings of 9th WorId Congress on the Theory of Machines and Mechanisms, Milan, Italy, 30.08.-30.09. 1995.
6	Stoimenov, M., Pantelić, T.: Application d'un mechanisme a coullisse elardie une diade sur un modele de marcheur mechanique, Proceedings of Sixth IFToMM Congress Theory of machines and mechanisms, New Delhi, December 15.-20. 1983.,vol. 2, Pages 1396-1398
7	Stoimenov, M., Pantelić, T.: Possibility of the development of a curved translation for a member of an extended kinematic chain of a curved sliding mechanism, Proceedings of V world congress on the theory of machines and mechanisms, Montreal, Canada, July 1979., vo1.2, Pages 1436-1440
8	Gobeljić, A., Stoimenov, M., Miladinović, Lj., Pantelić, T.: Problems of balancing a mechanical walker, Proceedings of Third IFToMM International symposium on linkages and computer aided design methods, Bucharest, Romania, July 2.-7., 1981., vol. I-1, Pages 107-116
9	Miladinovic, Lj., Stoimenov, M., Veg, A. "Packaging machines", Monograph, approved press release in Mechanical Engineering Faculty, Belgrade by the Dean no. 22/05 of 01.12.2005., ISBN 86-7083-538-X.

Summary of teacher's scientific, artistic or professional 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	4	The number of international projects in which the teacher is currently engaged	

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Stojiljković D. Dragoslava
Academic rank	full professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade - Faculty of Mechanical Engineering
Date of employment	May 1, 1989
Particular scientific (artistic) field	Technogy of materials - Fuels and Combustion

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
Specialization			
M.Sc. degree	November 17, 1992	University of Belgrade - Faculty of Mechanical Engineering	Technogy of materials - Fuels and Combustion
B.Sc. degree	December 26, 1988	University of Belgrade - Faculty of Mechanical Engineering	Technogy of materials - Fuels and Combustion

The list of courses taught

No.	Title of the course	Level of studies
1	Fuels, lubricants and industrial water	BSc
2	Fuels and combustion	BSc
3	Fuels and industrial water	BSc
4	Fuels, lubricants and industrial water - Final course	BSc
5	Fuels and combustion - Final course	BSc
6	Fuels and industrial water - Final course	BSc
7	Fuels, lubricants and industrial water 2	MSc
8	Combustion	MSc
9	Biofuels in combustion processes	MSc

Representative references (at least 5, no more than 10)

1	Stojiljković D. (editor), authors: D. Nestorović, S. Petrović, M. Radovanović, D. Stojiljković, M. Tomić, R. Pešić, S. Veinović, O. Ocić, Lj. Mojović, S. Šiler-Marinković, D. Pejin: Alternative fuels for IC engines in 21. century, Monografija, pages 275, ISBN 978-86-7083-648-8, Belgrade, 2008.
2	Stojiljković D., Jovanović V., Povrenović D., Banković-Ilić I.: Ecological importance of bioethanol utilization adn Bioethanol quality for blending with gasoline, Monograph Bioetanol as a fuel – state and prospects, editors: Lj. Mojović, D. Pejin, M. Lazić, pp. 19-32 i pp. 116-122, Faculty of technology Leskovac, Chapters in Monograph, ISBN 978-86-82367-72-7, 2007.
3	Stojiljković D. Jovanović V., Radovanović M., Manić N., Radulović I., Perišić S.: Investigation of Combustion Process in Stove Fired on Biomass, Strojinški vestnik – Journal of Mechanical Engineering 51, 7-8 (426-430), 2005. ISSN 0144-2600
4	Stojiljković D., Radovanović M., Ercegovac M., Jones J., Williams A.: Devolatilisation and Combustion of Yugoslav Lignites; Journal of the Energy Institute, Vol. 78, No. 4 (1-6), 2005. ISSN 0039-2480
5	Stojiljković D.: Nitric oxides in combustion of domestic lignites, Foundation Andrejević, pages 148, ISBN 86-7244-199-0, Belgrade, 2001.
6	Mladenović M.,Mladenović R., Manović V., Radovanović M., Stojiljković D.: Criteria selection for the assessment of Serbian lignites tendency to form deposits on power boilers heat transfer surfaces, Thermal Science: Vol. 13, No. 4, pp. 61-78, Belgrade, 2009. ISSN 0354-9836
7	Dragoslava D. Stojiljković, Dušan B. Nestorović, Vladimir V. Jovanović, Nebojša G. Manić: Mixtures of bioethanol and gasoline as a fuel for si engines, Thermal Science, Vol. 13, No. 3, pp 219-228, Belgrade, 2009. ISSN 0354-9836
8	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., UDC 662.6:678, DOI: 10.2298/CICEQ090902010J

9	Životić M., Stojiljković D., Jovović A., Čudić V.: The possibility of using fly ash and slag from the dump of thermal power plant "Nikola Tesla" as a waste of utility value, Chemical industry, Association of Chemical Engineers of Serbia, 2011, 0367-598x
10	Perakis C., Papandreou V., Ntoulas S., Stojiljkovic D., Glavonjic B. and Panoutsou C.: BIOMASS POTENTIAL FOR FUTURE INVESTMENTS IN SERBIA, 19th European Biomass Conference and Exhibition – From Research to industry and Markets, pp. 205-212, ETA-Florence Renewable Energies, 2011. ISSN/ISBN 978-88-89407-55-7

Summary of teacher's scientific, artistic or professional activities

The total number of citations	3	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the SCI (SSCI) journals	7	The number of international projects in which the teacher is currently engaged	2

Advanced professional training

University of Leeds, Fuels and Energy Department, 1995.

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Stupar N Slobodan	
Academic rank		Professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanial Engineering	
Date of employment		01.10.2012	
Particular scientific (artistic) field		Aerospace Engineering	
Academic career			
	Date	Institution	Field
Promotion	1996.	University of Belgrade, Faculty of Mechanial Engineering	Aerospace Engineering
Ph.D. degree	1987.	University of Belgrade, Faculty of Mechanial Engineering	Aerospace Engineering
Specialization			
M.Sc. degree	1981.	University of Belgrade, Faculty of Mechanial Engineering	Aerospace Engineering
B.Sc. degree	1975.	University of Belgrade, Faculty of Mechanial Engineering	Aerospace Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Numerial Methods in Aerospace Engineering	OAS
2	Windturbines	OAS
3	Light and composite structures	OAS
4	FEM Analysis	OAS
5	Computational Aerodynamics	MAS
6	Windturbines 2	MAS
7	Aircraft Design	MAS
8	Aircraft Armament	MAS
9	Fatigue and structural life of aeronautical constructions	DS
10	Selected topics in Wind Turbines	DS
11	Selected Topics in Aircraft Armament Systems	DS
12	Selected Topics in Computational aerodynamics	DS
13	Computational fluid dynamics of buildings and vehicles	DS

Representative references (at least 5, no more than 10)

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

7	Ivanovic Ivana, Petrovic Zlatko, Stupar Slobodan, Helicopter Rotor Blade Shape Optimization Using NURBS for Airfoil Shape Parameterization, NUMERICAL ANALYSIS AND APPLIED MATHEMATICS, VOLS 1 AND 2, (2009), vol. 1168 br. , str. 131-134
8	Z. Petrovic, S. Stupar, "Fundamental Equatiaons of Aerodynamics", University of Belgrade, Faculty of Mechanical Engineering, Belgrade 1997, ISBN: 86-7083-306-9
9	Z. Petrovic, S. Stupar, "CFD one",University of Belgrade, Faculty of Mechanical Engineering, Belgrade 1996, ISBN:86-7083-277-1
10	Z. Petrovic, S. Stupar, "Projektovanje racunarom - metod konacnih razlika",. Univerzitet u Beogradu, Beograd 1996, ISBN: 86-81019-09-0

Summary of teacher's scientific, artistic or professional activities

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

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 soures 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Tanovic M. Ljubodrag
Academic rank	Full time Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade ,Mechanical Engineering Faculty
Date of employment	28.May.1981
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	1. 11. 1984.	University of Belgrade,Mechanical Engineering Faculty	Production Engineering
B.Sc. degree	9.June.1980.	University of Belgrade,Mechanical Engineering Faculty	Production Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Manufacturing Technology	B.Sc
2	Shipbuilding Technology	B.Sc
3	Tools and Fixture	B.Sc
4	Sheet-Metal Processing Tools	M.Sc
5	New Technologies	M.Sc
6	Cutting Theory	Ph.D
7	Theory and Simulation of Metal Working	Ph.D

Representative references (at least 5, no more than 10)

1. Tanovic Lj., Cutting Ceramics, The Faculty of Mechanical Engineering, Belgrade,1992.
2. Tanovic Lj., Technology of Modern Cutting Tools Production, FME, Belgrade, 1997.
3. Kalajdzic M., Tanovic Lj., et al., Technology of Machining by Cutting – manual, FME, Belgrade, 2012.
4. Jovicic M., Tanovic Lj., Calculations and Design of Sheet-Metal Processing Tools, FME, Belgrade,2007.
5. Tanovic Lj., Jovicic M., Construction, Calculation and Design of Fixtures, FME, Belgrade, 2012.
6. Tanovic Lj., Petrakov Y., Theory and Simulation of Metal Working, FME, Belgrade,2007.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	2	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	

Advanced professional training

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

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Tomić V. Miroljub	
Academic rank		Full Professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment		03.04.1972	
Particular scientific (artistic) field		Mechanical Engineering, Internal Combustion Engines	
Academic career			
	Date	Institution	Field
Promotion	5/5/1998	Faculty of Mechanical Engineering	IC Engines
Ph.D. degree	11/20/1987	Faculty of Mechanical Engineering	IC Engines
Specialization			
M.Sc. degree	10/6/1978	Faculty of Mechanical Engineering	IC Engines
B.Sc. degree	7/9/1971	Faculty of Mechanical Engineering	IC Engines

The list of courses taught

No.	Title of the course	Level of studies
1	Internal Combustion Engines	B.Sc.
2	Automotive engines design - introduction	B.Sc.
3	Industrial Compressors	B.Sc.
4	Operation and overhaul of engines	B.Sc.
5	Hybride Powertrain Systems	B.Sc.
6	Engine Working Processes	M.Sc.
7	Engine fuelling and ignition systems	M.Sc.
8	Engine Design 1	M.Sc.
9	IC engines design 2	M.Sc.
10	Supercharging of IC Engines	M.Sc.
11	IC Engines Mechatronics	M.Sc.
12	Diagnostic and Maintenance of IC Engines	M.Sc.
13	IC Engine Testing	M.Sc.
14	Ecology of Mobile Power Sources	M.Sc.
15	Engine Design Project	M.Sc.
16	Marine Engines	M.Sc.

Representative references (at least 5, no more than 10)

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	Tomic, M., Two zone quasi-dimensional model of combustion in spark ignition engine, Chapter in the monograph "Combustion modeling in spark ignition engines", (in Serbian), pp 42-65, Editor Petrović, S., Faculty of Mechanical Engineering, Belgrade, 1995 .
9	Tomić, M., Petrović, S., Internal Combustion Engines,(in Serbian), Faculty of Mechanical Engineering, 297 pages, Belgrade, 1994, 2000, 2004, 2008.
10	Tomić, M., IC Engines Fueling and Ignition Systems, (in Serbian), Faculty of Mechanical Engineering, 249 pages, Belgrade, 2005, 2012.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	6	The number of national projects in which the teacher is currently engaged	2
The total number of 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Topić M. Radivoje	
Academic rank		full professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade,Faculty of Mechanical Engineering	
Date of employment		04.09.1973.	
Particular scientific (artistic) field		Mechanical Engineering, Drying, Process and Power plant, Thermo diffusion processes and Renewable energy	
Academic career			
	Date	Institution	Field
Promotion	31.12.1996	Faculty of Mechanical Engineering	Drying
Ph.D. degree	19.12.1983	Faculty of Mechanical Engineering	Drying
Specialization			
M.Sc. degree	18.07.1977	Faculty of Mechanical Engineering	Drying
B.Sc. degree	09.07.1971	Faculty of Mechanical Engineering	Thermoenergetics

The list of courses taught

No.	Title of the course	Level of studies
1	Renewable energy and secondary resorces	Bsc
2	Drying and Hygrothermal procesess	Bsc
3	Fundamentals of transfer phenomena and drying techniques	Msc
4	Special techniques and technology of drying	Msc
5	Mathematical modeling of the process and the apparatus for drying	Msc
6	Plant and process design and energy systems	Msc

Representative references (at least 5, no more than 10)

1	Topić, M. R., Mathematical model for exergy analysis of drying plants, Drying tehnology an international journal, Volume 13., number 1/2, 1995, (437-445) Marcel Dekker, New York
2	Topić, M. R.; Single cross forage processing and mathematical description of the drying Process, Drying technology an international journal,Volume 13., number 8/.9, 1995, (2217- 2225) Marcel Dekker, New York
3	Topić, M. R.; Small capacity Mobile Dryers for Drying Biological Materials, Drying technology an international journal, volume 21, number 6, 2003, Marcel Dekker, New York, Dedicated to professor Chong - Wen Cao on the occasion of his 75 th birthday
4	Topić, M. R., Topić, R.G., Small capacity Mobile Dryers for Drying Biological Materials, Proceedings of the 15th International Drying Symposium, Budapest, Hungary, 27-30 August, 2006, vol. C. 1504
5	Топић, M. R., Direct use of Solar Energy for Drying medicinal herbs, aromatic plants and spices", International Conference Energy saving technologies for drying and hygrothermal processing Conference SETT - 2005 of Moscow, october 2005, Proceedings 2, Moscow,Rusia
6	Topić, M. R., Enthalpy - moisture content Chart for wet material,12 th International Drying Symposium, 28 - 31 August, 2000., Nordwijkerhout, The Netherlands.
7	Topić, M. R., A Mathematical model of the solar drying process of biological materials,International Conference Energy saving technologies for drying and hygrothermal processing Conference SETT - 2002 of Moscow, jyun 2002, Proceedings 2, Moscow, Rusia
8	Topić, M. R., Основе пројектовања, прорачуна, и конструисања сушара, Научна књига Београд, 1989..
9	Topić, M. R., Optimization of inner structure of high temperature pneumatic rotary dryer, 16th International Drying Symposium (IDS 2008) Hyderabad, India 9-12 November,Volumen 4, p.p. 702 – 705,
10	Topić M. R., Solar cabinet drying characteristics and mathematical modelling of spinach leaf, 17 th International Drying Symposium, Germany, Magdenburg, october 3 – 6, 2010,

Summary of teacher's scientific, artistic or professional activities

The total number of citations	29	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	3	The number of international projects in which the teacher is currently engaged	

Advanced professional training

University of Queensland …..

Other information considered relevant

Delagate in European Federation of chemical Engineering, EFCE

Member and expert in of the European Working Group for drying EFCE - Working Party on Drying
The winner for the best PhD thesis for 1983. year
The winner(one of six)for the best paper at the International Conference on Energy Saving Technologies for Drying and Hygrothermal Processing Conference SETT - 2005 of Moscow, October 2005, Proceedings 2, Moscow, Russia "
The Paper 9(number tree on list) is published in Drying technology an international journal, volume 21, number 6, 2003, Marcel Dekker, New York, Dedicated to professor Chong - Wen Cao
Nine foreign citations, including eight in leading international journals and international. ● International Journal of Energy Research, ● Journal of Process Mechanical Engineering, ● Journal of Food Engineering, ● International Journal of Heat and Mass Transfer, ● Drying technology, etc.. .
Menager of eleven science research projects

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Sijacki Zeravcic, M., Vera	
Academic rank		Professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment		1st March, 1975	
Particular scientific (artistic) field		Materials Technology - Engineering materials and Welding	
Academic career			
	Date	Institution	Field
Promotion	1998	University of Belgrade, Faculty of Mechanical Engineering	Materials Technology - Engineering materials and Welding
Ph.D. degree	1986	University of Belgrade, Faculty of Technology and Metallurgy	Metallurgy
Specialization	/	/	/
M.Sc. degree	1971	University of Belgrade, Faculty of Technology and Metallurgy	Metallurgy
B.Sc. degree	/	/	/

The list of courses taught

No.	Title of the course	Level of studies
1	Engineering Materials 1	B.Sc.
2	Engineering Materials 2	B.Sc.
3	Repair Welding and Surfacing	B.Sc.
4	Foundations of Biomaterials	B.Sc.
5	Engineering Materials 3	M.Sc.
6	Behaviour and Reliability of Materials During Exploitation	Ph.D.

Representative references (at least 5, no more than 10)

1	Gordana Bakić, Vera Šijački Žeravčić, Miloš Đukić, Stevan Maksimović, Dušan Plešinac, Bratislav Rajičić: The Thermal History and Stress State of a Fresh Steam–Pipeline Influencing its Remaining Service Life, THERMAL SCIENCE, (2011) Vol. 15, No. 3, pp. 691-704, ISSN 0354-9836, Impact factor: 0.74 (2011)
2	Nikola Bajic, Vera Sijacki-Zeravcic Biljana Bobic, Dejan Cikara, Miodrag Arsić.: *Filler Metal Influence on Weld Metal Structure of Micro-Alloyed Steel* , Welding Journal, vol.90, pp55-62, (2011) ISSN 0043-2296, Impact Faktor: 0,534 (2011)
3	Vera Šijački Žeravčić, Gordana Bakić, Miloš Đukić, Dragomir Marković, Bratislav Rajičić: *Contemporary Maintenance Management of Power Plant Life Exhaustion Components* , Technics Technologies Education Management-TTEM, (2010), vol. 5 br. 3, str. 431-436, ISSN: 1840-1503, Impact factor: 0.256 (2010)
4	Nikola Bajić, V. Šijački–Žeravčić, M. Rakin, K. Kovačević: *Effect of Welding Regime and Filler Content on Structure of Microalloyed Nb/Ti Steel Weldments* , Materials Science, Vol.46, No.1, pp. 123-133 (2010). Impact Faktor: 0,277 (2010)
5	Ana Šijački, Vera Šijački Žeravčić, Gordana Bakic, Vlada Cosovic, Zoran Ristic, Aleksandar Karamarkovic, Nada Popovic, Vladimir Djukic, Djordje Bajec, Zoran Blagojevic: *Laser-Induced Damages of Different Types of Human Gallbladder Stones* , Hepato-gastroenterology, JUL-AUG 2009, Volume 56, Issue 93, pp. 946-949, ISSN: 0172-6390, Impact factor: 0.669 (2009)
6	Student O. Z., Šijački Žeravčić Vera, Skrypnik I. D., Nykyforchyn H. M., Lonvuk B.P.: *Distinctive Features of Fatigue Crack Growth in 14MoV63 Pipe Steel after Service,* Material Science, Vol. 35, N^{o} 3, pp. 381-388 (1999), IF(1999)=0.187
7	Srećković M., Šijački Žeravić Vera, Osmokrović P., Vedlin B.: *Laser and Electrical Breakdown Damages on Metallic Materials* , Laser Physics, Vol. 8, Issue 6, pp. 1177-1181 (1998), IF(1998)=0.631
8	Voldemarov A., Šijački Žeravčić Vera, Dzioba I., Radovic M., Kovacevic K.: *Evaluation of the Structural Degradation and Damage of Steel of Steam Pipelines Subjected to the Long-Term Action of Thermomechanical Factors* , Material Science, Vol. 33, N^{o} 2, pp. 232-237 (1997), IF(1999)=0.187
9	Srećković M., Šijački Žeravčić Vera, Ivankovic N., Backović N., Vedlin B., Ivković M., Ristić S.: *Laser Damage in Ferrites of MnSn Spinels and Other Possible Interactions* , Optics and Laser in Engineering, Vol. 27, No 5, pp. 507-522 (1997), IF(1998)=0.333
10	Rajković V., Milosavljević A., Šijački Žeravčić Vera, Kovačević K., Anđelic B.: *Structure and properties of continuously cast low-carbon steel as a function of the reeling temperature* , Metal Science and Heat Treatment, Vol. 38, No 8, pp. 345-346 (1996), IF(1998)=0.082

Summary of teacher's scientific, artistic or professional activities

The total number of citations	10	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the SCI (SSCI) journals	13	The number of international projects in which the teacher is currently engaged	/

Advanced professional training

1. August-october 1979: Institut fur Werkstoffe, Bochum i Max Planck Institut, Stutgart, Germany. 2. Jun-august 1981: Department of Metallurgy and Material Science, Leeds, England
Other information considered relevant
Milenko Braunović, Vera Šijački Žeravčić, Gordana Bakić, Miloš Đukić, Dragomir Marković: Boiler Tube Erosion in Thermal Power Plants, CEATI Project and Report No. T052700-0122, CEA Technologies Inc. (CEATI), 2006, Canada, p112
Sedmak A., Sijacki Zeravcic V., Milosavljevic A.: Engineering materials for 1st class engineering high-school, Zavod za udzbenike i nastavna sredstva, Belgrade, 2002.
Monograph: Corrosion in Thermal Power Plants, book 1 in the EPS study: Measures and Procedures for the Reliable and Efficient Control of the condition of the steam water cycle TPP and HP EPS and Recommendations for implementing corrective and preventive actions, University of Belgrade, Faculty of Technology and Metallurgy, Faculty of Mechanical Engineering (Sijacki Zeravcic V., Bakic G., Djukic M.), NI Vinca, Belgrade, 2002.
Monograph: The corrosion potential of water, book 2 in the EPS study: Measures and Procedures for the Reliable and Efficient control of the condition of the steam water cycle TPP and HP EPS and Recommendations for implementing corrective and preventive actions, University of Belgrade, Faculty of Technology and Metallurgy, Faculty of Mechanical Engineering (Sijacki Zeravcic V., Bakic G., Djukic M.), NI Vinca, Belgrade, 2002.
Sijacki Zeravcic V., Milosavljevic A., Sedmak A.: Handbook of Engineering materials-welding, soldering and casting, University of Belgrade, Faculty of Mechanical Engineering, Belgrade 1996.
The assembly members "Thermal power plants Nikola Tesla" Ltd. Obrenovac

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Škataric, M, Dobrila	
Academic rank		Professor	
Name of the institution where the teacher works on a full-time basis		Universi. of Belgrade, Mechanical Engineering Faculty	
Date of employment		1.1.1992	
Particular scientific (artistic) field		Control Theory	
Academic career			
	Date	Institution	Field
Promotion	16.3.2011	Universi. of Belgrade, Mechanical Engineering Faculty	Electrical Eng.
Ph.D. degree	17.9.1993	Univ.of Novi Sad, Faculty of Tech. Science	Control Theory
Specialization			
M.Sc. degree	9.11.1989	Universi. of Belgrade, Electr. Engin. Faculty	Power system control
B.Sc. degree	26.1.1985	Universi. of Belgrade, Electr. Engin. Faculty	Power system control

The list of courses taught

No.	Title of the course	Level of studies
1	Electrical Engineering and Electronics	B.Sc
2	Electric Machinery	M.Sc
3	Measurements A Basics	Ph.D
4	Measurement Technologies	M.Sc

Representative references (at least 5, no more than 10)

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,*Linear Control of nearly Singularly perturbed systems, Automatica,28,1992,159-163*
3	*D.Arnautovic and D.Skataric,Suboptimal Design of hydroturbine governors,*IEEE Trans.Energuy Conv.,6,1991,438-444
4	N.Ratkovic Kovacevic, D.Skataric,*Multimodeling control via System balancing,*Mathematical Problems in Engineering, vol 2010., ID841830
5	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, artistic or professional activities

The total number of citations	50	The number of national projects in which the teacher is currently engaged	1
The total number of 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Aleksendrić, S, Dragan
Academic rank	Associate Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade Faculty of Mechanical Engineering
Date of employment	1.09.1996.
Particular scientific (artistic) field	Motor Vehicles

Academic career

	Date	Institution	Field
Promotion	2.07.2012.	Associate Professor	Motor Vehicles
Ph.D. degree	5.06.2007.	Faculty of Mechanical Engineering Univesity of Belgrade	Motor Vehicles
Specialization			Motor Vehicles
M.Sc. degree	19.04.2000.	Faculty of Mechanical Engineering Univesity of Belgrade	Motor Vehicles
Dipl.-Ing. degree	30.08.1996.	Faculty of Mechanical Engineering Univesity of Belgrade	Motor Vehicles

The list of courses taught

No.	Title of the course	Level of studies
1	Vehicle Systems	Bachelor Studies
2	Motor Vehicle Dynamics	Bachelor Studies
3	Vehicle Safety	Bachelor Studies
4	Vehicle Design 1	Bachelor Studies
5	Vehicle Mechatronics	Diploma Studies
6	Intelligent Vehicle Systems	Diploma Studies
7	Electronically Controlled Systems of Motor Vehicles	Doctoral Studies
8	Motor Vehicles Braking - special chapters	Doctoral Studies
9	Artificial Intelligence of Motor Vehicles	Doctoral Studies

Representative references (at least 5, no more than 10)

1	Miljković Z., **Aleksendrić D.** Artificial neural networks - solved examples with theoretical background, Faculty of Mechanical Engineering University of Belgrade, 2009. ISBN 978-86-7083-685-3.
2	**Aleksendrić, D.** An inverse neural network model of disc brake performance at elevated temperatures. In: Editor John A. Flores. Focus on Artificial Neural Networks. USA: Nova Science Publishers, Inc.; 2011. pp. 151-170. ISBN: 978-1-61324-285-8
3	**Aleksendrić, D.** Optimization of manufacturing conditions of brake friction materials. In: Editor Anthony B. Savarese, Manufacturng Engineering. USA: Nova Science Publishers, Inc.; 2011. pp. 89-108. ISBN: 978-1-61209-987-3
4	**Aleksendrić D.**, Senatore A.: Optimization of manufacturing process effects on brake friction mateial wear, Journal of Composite Materials, Vol. No., 2012, pp... IF=0,971 ISSN 0021-9983 (M22). DOI: 10.1177/0021998311432489.
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.**, 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).
7	**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)
8	**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
9	**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).
10	**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)

Summary of teacher's scientific, artistic or professional activities

The total number of citations	75	The number of national projects in which the teacher is currently engaged	2
The total number of 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

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Anđelić M. Nina
Academic rank	Associate Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade, Faculty of Mechanical Engineering
Date of employment	01.09.1989.
Particular scientific (artistic) field	Strenght of Constructions
Academic career	

	Date	Institution	Field
Promotion	07.03.2011.	University of Belgrade, Faculty of Mechanical Engineering	Strength of Constructions
Ph.D. degree	14.05.2003.	University of Belgrade, Faculty of Mechanical Engineering	Strength of Constructions
Specialization			
M.Sc. degree	24.03.1993.	University of Belgrade, Faculty of Mechanical Engineering	Strength of Constructions
B.Sc. degree	29.12.1988.	University of Belgrade, Faculty of Mechanical Engineering	Strength of Constructions

The list of courses taught

No.	Title of the course	Level of studies
1	Strength of Matherials	B.Sc.
2	The Base of the Strength of Constructions	B.Sc.
3	Strength of Constructions and Finite Element Method	M.Sc.
4	Thin-walled structures	Ph.D.

Representative references (at least 5, no more than 10)

1	M. Milovančević,N. Anđelić: "Strength of matherials", University of Belgrade, Faculty of Mechanical Engineering, Belgrade, 2006, ISBN 86-7083-579-7.
2	N. Anđelić: "Optimization of thin-wallew structural elements", Andrejevic Foundation, 2005, ISBN 86 –7244 – 457 – 4.
3	Ružić D., Čukić R., Dunjić M., Milovančević M., Anđelić N., Milošević V.: "Strength of matherials - Tables", University of Belgrade, Faculty of Mechanical Engineering, Belgrade, 1995.
4	N. Anđelić, V. Miloševic-Mitić, T. Maneski: "An approach to the optimization of Thin-walled Z-beam", Strojniški vestnik - Journal of Mechanical Engineering, Vol.55, No.12, Ljubljana 2009, ISSN 0039-2480, pp. 742-748.
5	V. Miloševic-Mitić, D. Kozak, T. Maneski, N. Anđelić, B. Gaćeša, M. Stojkov: "Dynamic Nonlinear Temperature Field in a Ferromagnetic Plate Induced by High Frequency Electromagnetic Waves", Strojarstvo, Vol.52, No.2, Zagreb 2010, ISSN 0562-1887, pp.115-124.
6	N. Anđelić: "Nonlinear Approach to Thin-Walled Beams with Symmetrical Open Section", Strojniški vestnik - Journal of Mechanical Engineering, Vol.57, No.1, Ljubljana 2011, ISSN 0039-2480, pp. 742-748.
7	N.Andjelić, V. Milosević-Mitić: "Optimum design of thin-walled I-beam subjected to stress constraint", J. Theor. Appl. Mech., Vol. 50, No. 4, Warsaw 2012, ISSN 1429-2955, pp. 987-999.
8	N. Andjelić, V. Miloševic-Mitić: "An approach to the optimization of thin-walled cantilever open section beams", Theoretical and applied mechanics, Vol.34, No.4, Belgrade 2007, ISSN 0350-2708, pp. 323-340.
9	T. Maneski, V. Milošević Mitić, N. Andjelić: ''Numerical and experimental diagnostics of the behaviour of the palette-pack machine'', 6/424. In: Kuzmanović S. editor: Machine design, University of Novi Sad, Faculty of technical sciences, ADEKO, Novi Sad, 2008, 437 страна, ISBN 978-86-7892-105-6, pp. 133-138 .
10	N. Anđelić: "Torsional Analysis of Open Section Thin-Walled Beams", FME Transactions, Vol. 40, No 2, 2012, ISSN 1451-2092, UDC 621, pp. 93 – 98.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	1	The number of national projects in which the teacher is currently engaged	2
papers published in the SCI (SSCI) journals	4	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Aranđelovic D. Ivan
Academic rank	Associate Professor
Name of the institution where the teacher works on a full-time basis	Universtiy of Belgrade - Faculty of Mechanical Engineering
Date of employment	01.10.1992.
Particular scientific (artistic) field	mathematics

Academic career

	Date	Institution	Field
Promotion	07.03.2011.	Universtiy of Belgrade - Faculty of Mechanical Engineering	mathematics
Ph.D. degree	20.10.1999.	University of Belgrade - Faculty of Mathematics	mathematics
Specialization			
M.Sc. degree	16.12.1993.	University of Belgrade - Faculty of Mathematics	mathematics
B.Sc. degree	02.07.1990.	University of Belgrade - Faculty of Mathematics	mathematics

The list of courses taught

No.	Title of the course	Level of studies
1	Mathematics 1	B.Sc.
2	Mathematics 2	B.Sc.
3	Mathematics 3	B.Sc.
4	Introduction to Probability and Statistics	B.Sc.
5	Computing tools	B.Sc.
6	Probability and Statistics	M.Sc.
7	Theory of Complex functions	M.Sc.
8	Theory of Probability and its applications	Ph.D.

Representative references (at least 5, no more than 10)

1. I. Aranđelović, On a fixed point theorem of Kirk, J. of Math. Analaysis and its Appl., 301 (2005) 384-385.
2. I. Aranđelović, Fixed point theorem for Kirk's asymptotic contractions, App. Anal. Dis.Math. 1 (2007) 211-16.
3. I. Aranđelović, D. Petković, Note on fixed point theorem of Chen, Fixed point th. 8,2 (2007) 161 – 166.
4. I. Aranđelović, M. Rajović, V. Kilibarda, On nonlinear quasi-contractions, Fixed point th. 9,2 (2008) 387 – 394.
5. Z. Mitrović, I. Aranđelović, On Nonlinear Variational Inequalities for p-Convex Maps in Reflexive Banach Spaces, Fixed point theory 10,1 (2010) 77 – 84.
6. I. Aranđelović, D. Kečkić, A Counterexample on a Theorem by Khojasteh, Goodarzi, and Razani, FPTA (2010), Article ID 470141
7. I. Aranđelović, D. Kečkić, On nonlinear quasi-contractions on TVS-cone metric spaces, Applied Mathematics Letters 24 (2011) 1209 - 1213.
8. I. Aranđelović, Z. Kadelburg, S. Radenović, Boyd-Wong-type common fixed point results in cone metric spaces, Applied Mathematics and Computation, 217,17 (2011) 7167-7171.
9. I. Aranđelović, Z. Mitrović, V. Stojanović, Probability and Statistics, Zavod za udžbenike, Belgrade 2011.
10. I. Aranđelović, D. Kečkić, Symmetric spaces approach to some fixed point results, Nonlinear Analysis 75 (2012), pp. 5157-5168

Summary of teacher's scientific, artistic or professional activities

The total number of citations	71	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	8	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Balac, M., Igor
Academic rank	Associate Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade, Faculty of Mechanical Engineering
Date of employment	1.09.1996.
Particular scientific (artistic) field	Strength of constructions

Academic career

	Date	Institution	Field
Promotion	07.05.2012	University of Belgrade, Faculty of Mechanical Engineering	Mechanical engineering
Ph.D. degree	09.02.2006.	University of Belgrade, Faculty of Mechanical Engineering	Mechanical engineering
Specialization			
M.Sc. degree	22.01.1999.	University of Belgrade, Faculty of Mechanical Engineering	Mechanical engineering
B.Sc. degree	1.09.1994.	University of Belgrade, Faculty of Mechanical Engineering	Mechanical engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Strength of Materials	B.Sc.
2	The base of the strenght of constructions	B.Sc.
3	Basics of composite materials mechanics	Ph.D.
4	Modeling of Composite Material Micromechanics	Ph.D.

Representative references (at least 5, no more than 10)

1	Dj. Veljović, R. Jančić- Hajneman., I. Balać, B. Jokić, S. Putić, R. Petrović, Dj. Janaćković, 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 nanoindenation, Advances in Applied Ceramics, 109 (2010) 65-70.
3	Dj. Veljović, E. Palcevskis, A. Dindune, S. Putić, I. Balać, R. Petrović, Dj. Janaćković, 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) 793-799.
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, artistic or professional activities

The total number of citations	65	The number of national projects in which the teacher is currently engaged	1
The total number of 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Miloš Jovo Banjac	
Academic rank		Associate Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		01.11.1993.	
Particular scientific (artistic) field		Thermomechanics	
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
Specialization			
M.Sc. degree	23.02.1998.	Faculty of Mechanical Engineering	Thermomechanics
B.Sc. degree	15.07.1993.	Faculty of Mechanical Engineering	Thermotechnic

The list of courses taught

No.	Title of the course	Level of studies
1	Thermodynamics B	Bachelor
2	Applied Thermodynamics	Bachelor
3	Thermodynamics M	Master
4	Heat Transfer	Master
5	Heat and Mass Transfer - Numerical Approach	PhD. studies

Representative references (at least 5, no more than 10)

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	Vencl, 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., Ćoćić, 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.
8	Banjac, M., Nikolić, B.:Simulation eines Tunnelbrandes und Optimierung der Lüftungsanlage mittels numerischer Strömungsmechanik, Vereinigung zur Förderung des Deutschen Brandschutzes e.V., 58. Jahrgang, Heft 3/2009, pp. 148-152, 2009.
9	Banjac, M., Nikolić, B.: CFD-Simulation der rauchausbreitung und ermittlung der Effizienz von Lüftungsanlagen bei tiefgaragenbränden, Vereinigung zur Förderung des Deutschen Brandschutzes e.V., 58. Jahrgang, Heft 4/2009, pp. 153-159, 2009.
10	Banjac, M., Vasiljević, B., Gojak, M.: Low Temperature Hydronic Heating System with Radiators and Geothermal Ground Source Heat Pump, FME Transactions, Vol. 35, No 3, pp 129-134, 2007.

Summary of teacher's scientific, artistic or professional activities

The total number of citations		The number of national projects in which the teacher is currently engaged	2
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

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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Bengin Č. Aleksandar
Academic rank	associate proffesor
Name of the institution where the teacher works on a full-time basis	University of Belgrade - Faculty of Mechanical Engineering
Date of employment	09.12.1991.
Particular scientific (artistic) field	aeronautical science

Academic career

	Date	Institution	Field
Promotion	09.07.2010.	Faculty of Mechanical Engineering	aeronautical science
Ph.D. degree	08.07.2004.	Faculty of Mechanical Engineering	aeronautical science
Specialization			
M.Sc. degree	17.07.1996.	Faculty of Mechanical Engineering	aeronautical science
B.Sc. degree	25.10.1990.	Faculty of Mechanical Engineering	aeronautical science

The list of courses taught

No.	Title of the course	Level of studies
1	Fundamentals of Aerotechnics	Undergraduete academic
2	Introduction to Engineering Simulations	Undergraduete academic
3	Engineering Communication	Undergraduete academic
4	Software Engineering	Undergraduete academic
5	Numerical Methods in Continuum Mechanics	Graduate academic
6	Aircraft Maintenance	Graduate academic
7	C/C++	Graduate academic
8	Algorithms and Data Structures	Graduate academic
9	Designing Software for Mechanical Engineers	Graduate academic
10	Optimization of Aerodynamic Shapes	Doctoral academic
11	Helicopter Rotor Aerodynamics	Doctoral academic
12	Computer Modeling in Mechanical Engineering	Doctoral academic
13	Special Algorithms of Mechatronic	Doctoral academic
14	Digital Forensics	Doctoral academic
15		

Representative references (at least 5, no more than 10)

1. Bengin A, Mitrović Č, Cvetković D, Bekrić D, Pešić S, Improved Solution Approach for Aerodynamics Loads of Helicopter Rotor in Forward Flight, Strojniški vestnik - Journal of Mechanical Engineering 54(2008) 3, 170-178, UDK 533.661 (IF 0,235 za 2008 godinu)
2. Bekrić D, Mitrović Č, Cvetković D, Bengin A, Effectivity of Hypergeometric Function Application in the Numerical Simulation of the Helicopter Rotor Blades Theory, Strojniški vestnik - Journal of Mechanical Engineering 56(2010) 1, 18-22, UDC 629.735.45-25 (IF 0,235 za 2008 godinu)
3. Mitrović Č, Bengin A, Cvetković D, Bekrić D, An Optimal Main Rotor Helicopter Projection Model Obteined by Viscous Effects and Unsteady Lift Simulation, Strojniški vestnik - Journal of Mechanical Engineering 56(2010) 6, 357-367, UDC 629.735.45-25 (IF 0,235 za 2008 godinu)
4. Rašuo B, Bengin A, Veg A, On Aerodynamic Optimization of Wind Farm Layout, PAMM Proc. Appl. Math. Mech. 10, pp.539 – 540 (2010), DOI 10.1002, pamm.201010262 (www.gamm-proceedings.com)
5. Rašuo, B., Bengin, A., On fluid-Structure Interaction in Transonic Wind Tunnels, The 6th International Congress on Industrial and Applied Mathematics, ICIAM 2007 (GAMM 2007), Zurich, Switzerland, 16-20 July. ISBN 01312-26-X, (CD-Rom, strana 112).
6. Rašuo, B., Dinulović, M., Bengin, A., Veg, A., Grbović, A., Development of the Direct-Drive Wind Turbine Rotor Blades from Composite Materials, The Seventeenth International Conference on COMPOSITES/NANO ENGINEERING (ICCE-17), July 26-August 1, 2009 in Honolulu, Hawaii, USA, (strane 849-850).
7. Rašuo, B., Bengin, A., Veg, A., On Aerodynamic Optimization of Wind Farm Layout, 81st Annual Meeting of the International Association of Applied Mathematics and Mechanics (GAMM 2010), University of Karlsruhe, Karlsruhe, Germany, 22-26 March, 2010.
8. Č. Mitrović, S. Pešić, A. Bengin, D. Bekrić, D. Cvetković, Design, Manufacture, Testing and Exploiatation of the Power Station's Cooling Tower Composite Fan Blade, 11th International Research/Expert Conferenece »Trends in the Development of Machinery and Associated Technology«, TMT 2007, Hammamet, Tunisia, 5-9 September 2007, TMT 2007 Proceedings, pp. 491 - 494.

9	A. Bengin, S. Jeremić: Three-Dimensional Rotor Flow Calculation, ICAS '98, 21st Congress of the International Council of the Aeronautical Sciences, 13-18. septembra 1998., Melbourne, Australia, CD Proseedings.
10	S. Pešić, D. Cvetković, A. Bengin, Elise, ISBN 86-7083-442-1, Faculty of mechanical Engineering, Belgrade, 2002.

Summary of teacher's scientific, artistic or professional 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 SCI (SSCI) journals	3	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Bugaric S. Ugljesa	
Academic rank		Associate professor	
Name of the institution where the		University of Belgrade - Faculty of mechanical engineering	
Date of employment		01.03.1992.	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	31.05.1996.	University of Belgrade - Faculty of mechanical engineering	Mechanisation
B.Sc. degree	02.11.1990.	University of Belgrade - Faculty of mechanical engineering	Process engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Maintenance management	O.A.S.
2	Design of logistic and warehouse systems	M.A.S.
3	Operations research	M.A.S.
4	Modelling, optimisation and forecasting in industrial engineering	D.S.
5	Selected topics in operations research	D.S.
6	Selected topics in operations research	D.S. in English
7	Queuing systems - theory and application	D.S. in English

Representative references (at least 5, no more than 10)

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, Eksploatacja i Niezawodnosc – 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, Eksploatacja i Niezawodnosc – 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., Glišic, 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., 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.

Summary of teacher's scientific, artistic or professional activities

The total number of	32	The number of national projects in which the teacher is	2
The total number of	9	The number of international projects in which the teacher is	

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Vasić-Milovanović I Aleksandra	
Academic rank		Associated Professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering,	
Date of employment		24.02.1997.	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	07.1999.	Faculty of Electrical Engineering	Electrotechnics
B.Sc. degree	21.11.1990.	Faculty of Electrical Engineering	Electrotechnics

The list of courses taught

No.	Title of the course	Level of studies
1	Physics and Measurements	BSc study
2	Biophysics	BSc study
3	Introduction to Nanosystems	MSc study

Representative references (at least 5, no more than 10)

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	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]
4	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]
5	A. Vasić, P. Osmokrović, M. Vujisić, Ć. 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	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, [IF:2.685]
7	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, [IF:0.827]
8	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, [IF:2.346]
9	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, [IF:1.144]
10	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, [IF:1.144]

Summary of teacher's scientific, artistic or professional activities

The total number of citations	32	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the SCI (SSCI) journals	30	The number of international projects in which the teacher is currently engaged	

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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Dunjić M. Momčilo
Academic rank	Associeted profesor
Name of the institution where the teacher works on a full-time basis	Faculty of Mechanical Engeneering Universyti of Belgrade
Date of employment	01.03.1980
Particular scientific (artistic) field	Strenght of Structure

Academic career

	Date	Institution	Field
Promotion	2012.	Faculty of Mechanical Engeneering Belgrade	Strenght of Structure
Ph.D. degree	1999.	Faculty of Mechanical Engeneering Belgrade	Strenght of Structure
Specialization			
M.Sc. degree	1988.	Faculty of Mechanical Engeneering Belgrade	Strenght of Structure
B.Sc. degree	1977.	Faculty of Mechanical Engeneering Belgrade	Strenght of Structure

The list of courses taught

No.	Title of the course	Level of studies
1	Strenght of materials	OAS
2	Base strenght of structure	OAS
3	Theory of elasticity	DS

Representative references (at least 5, no more than 10)

1	D. Trifković, S. Stupar, S. Bošnnjak, M. Milovančević, B. Krstić, Z Rajić, M. Dunjić, Failure analysis of the combat jet aircraft rudder shaft, Engineering Failure Analysis 18 (2011), pp 1998-2007
2	M. Arsić, S. Bošnjak, Z. Odanović, M. Dunjić, A. Simonović, Analysis of the spreader track wheels premature damages, Engineering Failure Analysis, doi:10.1016/j.engfailanal.2011.11.005
3	М. Дуњић, Стабилност конструктивно и материјално анизотропних плоча под утицајем термомеханичког оптерећења, рецензенти Т. Манески и М. Миловančевић, Машински факултет, Београд (2010) ISBN 978-86-7083-710-2
4	Bošnjak, Z. Petković, N. Zrnić, M. Dunjić, B. Dragović, Redisign of the Bucket Whell Excavators Substructure Based on the Comparative Stress – Strain Analysis, Advanced Materials Research, Vol.402 (2012), pp 660-665
5	Dunjić M., Buckling of Stepped Thickness Plates in the Theory of Plasticity, FME Transactions, Vol. 39, No. 1 (2011)
6	А. Симоновић, С. Ступар, З. Петровић, М. Дуњић, Прорачун структуре композитних лопатица ротора, 31. Јупитер конференција, Златибор 2005, Машински факултет Београд, стр. 2.47-2.50
7	M. Dunjić, The Influence of the Constant Part of the Temperature Field to the Stability of Anisotropic Rectangular Plate, FME Transactions, 1, pp. 36-43 (1998)
8	M. Dunjić, Stabilnost izotropne pravougaone ploče ukleštene po celoj konturi pod uticajem temperature i aksijalnog pritiska u njenoj srednjoj ravni, Tehnika, Mašinstvo 45, br. 9-10 (1996), Beograd, str. M1-M3

Summary of teacher's scientific, artistic or professional activities

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

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Živković, D., Branislav	
Academic rank		Associate professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade Mechanical Engineering Faculty	
Date of employment		5.11.1979.	
Particular scientific (artistic) field		Thermal science engineering	
Academic career			
	Date	Institution	Field
Promotion	29.10.2010.	University of Belgrade Mechanical Eng. Faculty	Thermal sci. eng.
Ph.D. degree	14.12.1994.	University of Belgrade Mechanical Eng. Faculty	Thermal sci. eng.
Specialization			
M.Sc. degree	21.12.1087.	University of Belgrade Mechanical Eng. Faculty	Thermal sci. eng.
B.Sc. degree	13.9.1978.	University of Belgrade Mechanical Eng. Faculty	Thermal sci. eng.

The list of courses taught

No.	Title of the course	Level of studies
1	Fundamentals of air conditioning (in serbian)	Master
2	Ventilating and air conditioning systems (in serbian)	Master
3	Master thesis (M.Sc.) (in serbian)	Master
4	Energy efficiency in buildings (in serbian)	Ph.D
5	District heating (in serbian)	Ph.D
6	Industrial ventilation (in serbian)	Ph.D
7	Solar systems (in serbian)	Ph.D
8	Advanced course in air conditioning (in English)	Ph.D
9	Energy efficiency in buildings (in English)	Ph.D
10	Solar systems (in English)	Ph.D
11	District heating (in English)	Ph.D
12	Special topics in air conditioning (in English)	Ph.D

Representative references (at least 5, no more than 10)

1. Jaćimović B., Živković B., Genić S., Zekonja P.: Supply water temperature regulation problems in district heating network with both direct and indirect connection - “Energy and Buildings”, No. 28, p. 317 - 322, Elsevier Science, Geneve, 1998.
2. Stevanović V., Prica S., Maslovarić B., Živković B., Nikodijević S.: Efficient numerical method for district heating system hydraulics - “Energy, Conversion and Management”, No. 48, p. 1536 - 1543, Elsevier Science, Geneve, 2007.
3. Stevanović V., Živković., B Prica S., Maslovarić B., Karamarković V., Trkulja V.: Prediction of thermal transients in district heating systems - “Energy, Conversion and Management”, No. 50, p. 2167 - 2173, Elsevier Science, Geneve, 2009.
4. Živković B., Zekonja P., Kačar A.: Influence of wind velocity to supply water temperature in house heating installation and hot-water district heating system - World Congress CLIMA 2000, Bruxelles, Belgium, August 1997.
5. Živković, B., Švarc, B., Zekonja, P.: Heating energy requirements for residential buildings in Belgrade – The 4th International Conference on Cold Climate – Hating, Ventilation and Air Conditioning, Trondheim, Norway, June 15 – 18, 2003.
6. Todorović M., Živković B.: The influence of air-conditioning operation schedule and ventilation needs on energy consumption – "FME Transactions", Volume 33, No 3, pp 151 - 155, University of Belgrade, Mechanical Faculty, 2005.
7. Živković B., Todorović M., Vasiljević P.: Energy savings for residential heating in two pairs of buildings achieved by implementation of actually consumed energy measuring – “Thermal Science”, Volume 10 (Suppl), No 4, pp 79 – 88, Vinča Institute of Nuclear Sciences, Belgrade 2006.
8. Živković B., Marjanović Lj.: Influence of wall temperature field on a character of Z response factors - XXI ICHMT Symposium: Heat and Mass Transfer in Building Material and Structure, published in "Heat and Mass Transfer in Building Material and Structure", pp 227-235, Hemisphere Publishing Corporation, Dubrovnik, September 1989.

Summary of teacher's scientific, artistic or professional activities

The total number of citations		The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the SCI (SSCI) journals	3	The number of international projects in which the teacher is currently engaged	4
Advanced professional training			
1981 MVV Mannheim, Germany - one month advanced training in the field of District heating; 1989 Lawrence Berkeley Laboratory University of California - five months advanced training in energy calculationss in the field of air conditioning			
Other information considered relevant			
Supervisor of 1 defended Ph.D dissertation and over 100 Master thesis			
Member of commission for defense 3 Ph.D dissertation and over 300 Master thesis			

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Žunjić G. Aleksandar
Academic rank	Associate professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade, Faculty of Mechanical Engineering
Date of employment	16.11.1995.
Particular scientific (artistic) field	Industrial engineering - mechanical engineering

Academic career

	Date	Institution	Field
Promotion	06.06.2011.	University of Belgrade, Faculty of Mechanical Engineering	Industrial engineering - mechanical engineering
Ph.D. degree	09.12.2005.	University of Belgrade, Faculty of Mechanical Engineering	Industrial engineering - mechanical engineering
Specialization	24.7.2000.	University of Belgrade, Faculty of Mechanical Engineering	Industrial engineering - mechanical engineering
M.Sc. degree	22.05.1995.	University of Belgrade, Faculty of Mechanical Engineering	Industrial engineering - mechanical engineering
B.Sc. degree			

The list of courses taught

No.	Title of the course	Level of studies
1	Industrial ergonomics	B.Sc.
2	Ergonomic designing	M.Sc.
3	Ergonomic design	M.Sc.
4	Designing of the man - machine system	M.Sc.
5	Man - machine interface	Ph.D.
6	Risk management	Ph.D.

Representative references (at least 5, no more than 10)

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.
9	Zunjic A., 2012, Consumer product risk assessment, Chapter in the book: Human factors and ergonomics in consumer product design - Uses and Applications, Edited by Karwowski W., Soares M M. and Stanton A N., p. 23-32, Taylor and Francis, London.
10	Zunjic A., 2012, Ergonomics of packaging, Chapter in the book: Human factors and ergonomics in consumer product design - Uses and Applications, Edited by Karwowski W., Soares M M. and Stanton A N., p. 101-126, Taylor and Francis, London.

Summary of teacher's scientific, artistic or professional 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 SCI (SSCI) journals	8	The number of international projects in which the teacher is currently engaged	2
Advanced professional training			
Other information considered relevant			

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Zrnić, Đ, Nenad
Academic rank	Associate Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade, Faculty of Mechanical Engineering
Date of employment	01.01.1993.
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	20.07. 1992.	University of Belgrade, Faculty of Mechanical Engineering	Mechanical Engineering
B.Sc. degree			

The list of courses taught

No.	Title of the course	Level of studies
1	Material Handlig Equipment	BSc
2	Conveying and Material Handling Machines	MSc
3	Cranes Design	MSc
4	Eco Design	MSc
5	Dynamics of material handling and conveying machines	PhD
6	Selected chapters in material Handling, Constructions and Logistics	PhD

Representative references (at least 5, no more than 10)

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., **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)
5	Bošnjak, S., **Zrnić, N**.: Dynamics, Failures, Redesigning and Environmentaly Friendly Technologies in Surface Mining Systems, Archives of Civil and Mechanial Engineering, doi: 10.1016/j.acme.2012.06.009, 2012. (кат. M22)
6	**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)
7	**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)
8	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)
9	**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)
10	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, artistic or professional activities

The total number of citations	SCOPUS: 66; Google Scholar: 199	The number of national projects in which the teacher is currently engaged	1

The total number of 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			
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 predident of organization committee), CAD (Poland), DEMI (BiH), ICoVP (Portugal).			
Visiting Professor University of Montenegro, Maritime Faculty, 2009-2011.			

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Ilić, T, Jelena	
Academic rank		Associate professor	
Name of the institution where the		Faculty of mechanical engineering of the University of Belgrade	
Date of employment		15.10.1991	
Particular scientific (artistic) field		Technical physics	
Academic career			
	Date	Institution	Field
Promotion	19.05.2008	Faculty of mechanical engineering of the University of	Technical physics
Ph.D. degree	15.07.2002	Faculty of electrical engineering of the University of Belgrade	Electrotechnics - Technical physics
Specialization			
M.Sc. degree	22.04.1996	Faculty of electrical engineering of the University of Belgrade	Electrotechnics - Technical physics
B.Sc. degree	10.04.1991	Faculty of electrical engineering of the University of Belgrade	Electrotechnics - Technical physics

The list of courses taught

No.	Title of the course	Level of studies
1	Physics and measurement	
2	The technique of measurement and sensors	

Representative references (at least 5, no more than 10)

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.Ćosović, „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
8	J.Ilić, M.Srećković, „Intensity Distribution in the Interference Pattern Formed by Particle Passing Through Two-beam Intersection“, Atti della »Fondazione Giorgio Ronchi« Vol. 57, No.2, (2002) pp. 243-254 (http://ronchi.iei.pi.cnr.it/).
9	J.Ilić, M.Srećković, “The spatial frequency of the scattered light intensity as a measure of a particle number and diameter“, Proceedings of the International Conference on Lasers ´01, Tucson (USA), SOQUE, McLean, 2002, pp. 337-344.
10	J.Ilić, S.Ristić, M.Srećković, „Analysis of asymmetric fluid flows by LDA“, Proceedings of the International Conference on Lasers 99, Quebec (Canada), SOQUE, McLean, 2000, pp. 173-180.

Summary of teacher's scientific, artistic or professional 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

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Jermic M Olivera
Academic rank	Associate Professor
Name of the institution where the teacher works on a full-time basis	Faculty of Mechanical Engineering, University of Belgrade
Date of employment	15.10.1990
Particular scientific (artistic) field	Mechanics

Academic career

	Date	Institution	Field
Promotion	02.07.2012	Faculty of Mechanical Engineering, University of Belgrade	Mechanics
Ph.D. degree	21.01.1999	Faculty of Mechanical Engineering, University of Belgrade	Analytical Mechanics
Specialization			
M.Sc. degree	21.05.1993	Faculty of Mechanical Engineering, University of Belgrade	Analytical Mechanics
B.Sc. degree	28.06.1990	Faculty of Mechanical Engineering, University of Belgrade	Production Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Analytical mechanics	M. Sc.Studies
2	Dynamics of variable mass systems	M. Sc.Studies
3	Analytical mechanics	Ph.D.Studies
4	Mechanics of a body of variable mass	Ph.D.Studies
5	Theory of gyroscopes	Ph.D.Studies

Representative references (at least 5, no more than 10)

1	Jeremic O., Salinic S., Obradovic A., On the brachistrochronice 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, htpp: //www.sciencedirect.com/science/journal/08957177, DOI:10.1016/j.mcm.2011.07.011
2	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
3	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
4	Jeremic O., Lukacevic M., On the Brachistocronic motion of non-conservative dynamical systems having variable mass, Transaction,Vol. XXIII,issue 2,Beograd,pp 8-12,1994.
5	Lukacevic M., Jeremic O., On the Hamilton's equations for relative motion, Theoretical and Applied Mechanics, 21, pp 61-69, Beograd, 1995.
6	Jeremic O.,Lukacevic M., Motion of dynamic system having variable massin an enlarged configuration space,Transactions,Vol.XXVI, issue 2,pp 33-37, Beograd, 1997.
7	Milinovic M., Jeremic O.,Sector performances in space guided trajeckories evaluation, International Conference on Ballistics, Sankt Petersburg, 2006.
8	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
9	Milinovic M., Kari A., Jeremic O., „Researches of Combat Shock Loadings Dumping on MLRS", 7th International Conference on Scientific Aspect of Armament & Safety Military Technical Technology, Military Technical Institute of Armament, Poland, 2008, pp. 937-944, ISBN 978-83-89399-95-3.
10	Obradovic A., Salinic S., JeremicO., Mitrovic M., Brachistrochronic motion of a variable mass systems, IConSSM 2011, The 3rd International Congress of Serbian Society of Mechanics, Vlasina, Serbia, July 5-8, 2011, pp. 1237-1247, ISBN 978-86-909973-3-6

Summary of teacher's scientific, artistic or professional activities

The total number of citations	0	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	3	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Jovović, M, Aleksandar	
Academic rank		Full professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment		01.11.1992.	
Particular scientific (artistic) field		Process and environmental 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
Specialization			
M.Sc. degree	09.07.1996.	University of Belgrade, Faculty of Mechanical Engineering	Process engineering
B.Sc. degree	04.05.1992.	University of Belgrade, Faculty of Mechanical Engineering	Process engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Introduction to process and environmental engineering	B.Sc.
2	Processes and equipment design in environmental protection engineering	B.Sc.
3	Energy in process engineering	M.Sc.
4	Concepts of environmental and workplace protection	M.Sc.
5	Waste and wastewater management	M.Sc.
6	Drying and dryers	M.Sc.
7	Energy and environment	Ph.D.
8	Environmental engineering science	Ph.D.
9	Advances in drying processes and research	Ph.D.
10	Waste management and research	Ph.D.
11	Air pollution from industrial processes	Ph.D.

Representative references (at least 5, no more than 10)

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	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)
3	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)
4	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)
5	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)
6	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)
7	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) (za 2010. godinu), ISSN 0954-4062, 10.1177/0954406211415907 (M23)
8	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)

9	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)
10	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)

Summary of teacher's scientific, artistic or professional activities

The total number of citations	8	The number of national projects in which the teacher is currently engaged	2
The total number of 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

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Kostić A. Ivan
Academic rank	Associate Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade, Faculty of Mechanical Engineering
Date of employment	15.12.1987
Particular scientific (artistic) field	Aeronautical Engineering
Academic career	

	Date	Institution	Field
Promotion	07.02.2011	Faculty of Mechanical Engineering	Aeronautical Engineering
Ph.D. degree	19.11.1997	Faculty of Mechanical Engineering	Aeronautical Engineering
Specialization			
M.Sc. degree	27.05.1991	Faculty of Mechanical Engineering	Aeronautical Engineering
B.Sc. degree	29.09.1986	Faculty of Mechanical Engineering	Aeronautical Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Flight Dynamics	MAS
2	Experimental Facilities and Flight Testing	MAS
3	Applied Aerodynamics	MAS
4	Flight Mechanics	MAS
5	High Speed Aerodynamics	MAS
6	Wind Tunnel Testing	MAS
7	Nonplanar Lifting Surfaces	DS
8	Airfoils and Hydrofoils	DS
9	Boundary Layer and Control of Separation	DS

Representative references (at least 5, no more than 10)

1	Ivan Kostić: Numerical Evaluation of the Aerodynamic Influence of the Helicopter Composite Blade Trailing Egde Tabs, Archive of Applied Mechanics - Springer-Verlag, ISSN 0939-1533, (2007) 77: pp. 893-909 (IF for 2007 is 0.523)
2	Zoran Stefanović, Ivan Kostić: 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 (IF for 2010 is 0.466)
3	Zlatko Petrović, Slobodan Stupar, Ivan Kostić, Aleksandar Simonović: Determination of a Light Helicopter Flight Performance at the Preliminary Design Stage, Strojniški vestnik - Journal of Mechanical Engineering, ISSN 0039-2480, 56(2010)9, pp. 535-543, UDC 533.661:629.01 (IF for 2010 is 0.466)
4	Aleksandar Simonović, Ivan Kostić, Slobodan Stupar, Zlatko Petrović: Laboratory Tests of a Hybrid Metal-Composite Transport Helicopter Blade Segment, Experimental Techniques - John Wiley and Sons, ISSN 0732-8818, 32 (2012), pp. 22-32 (IF for 2011 is 0.257)
5	Ivan Kostić: Turbulentni granični sloj na aeroprofilima - integralni adaptivni pristup, monografija, Zadužbina Andrejević, ISBN 86-7244-108-7, Beograd, 1999
6	Ivan Kostić i grupa autora: Vojni avioni i helikopteri - osnovni podaci i ogoljene konstrukcije - CET Computer Equipment and Trade, YU ISBN 86-7991-021-X, Beograd, 1995
7	Ivan Kostić: An Improved Method for the Design and Calculation of Aerodynamic Characteristics of Airfoils With the Dominant Turbulent Boundary Layer at Subsonic and Lower Transonic Speeds – "21th ICAS (Internat. Council of Aerospace Sciences) Congress - ICAS 98", ICAS-98-2.9.4, Melbourne, 1998.
8	Ivan Kostić: Application of an Improved Integral Turbulent Boundary Layer Model With Moderate Separation Correction on NACA Series and Low Speed Supercritical Airfoil Derivatives – "20th ICAS (International Council of Aerospace Sciences) Congress - ICAS '96", str.710-718, Vol.1, Sorrento, 1996.
9	Zoran Stefanović, Ivan Kostić, Olivera Kostić: Efficient Evaluation of Preliminary Aerodynamic Characteristics of Light Trainer Aircraft, IN-TECH 2011 - International Conference on Innovative Technologies, Proceedings ISBN 978-80-904502-6-4, pp. 520-523, publisher IN-TECH, World Association for Innovative Technologies, Bratislava, 2011.
10	Zoran Stefanović, Ivan Kostić, Olivera Kostić: Primary Aerodynamic Analyses of a New Light Aircraft in Symmetrical Flight Configurations, The 7th International Symposium KOD 2012 - Machine and Industrial Design in Mechanical Engineering, Proceedings ISBN 978-86-7892-399-9, pp. 97-104, publishers IFToMM i ADECO, Balatonfured Hungary, 2012.

Summary of teacher's scientific, artistic or professional 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	4	The number of international projects in which the teacher is currently engaged	1

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Lečić R. Milan	
Academic rank		Associate professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		01.10.1997	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	22. 09. 1992.	Faculty of Mechanical Engineering, University of Belgrade	Fluid mechanics
B.Sc. degree	12. 07. 1986.	Faculty of Mechanical Engineering, University of Belgrade	Fluid mechanics

The list of courses taught

No.	Title of the course	Level of studies
1	Fluid mechanics B	B.Sc. (undergraduate) studies
2	Oil hydraulics and pneumatics	B.Sc. (undergraduate) studies
3	Fluid mechanics M	M.Sc. (graduate) studies
4	Computational fluid dynamics (CFD)	M.Sc. (graduate) studies
5	Modelling of turbulent flows	Ph.D. (doctoral) studies
6	Mathematical methods of fluid dynamics	Ph.D. (doctoral) studies
7	Theory of flow stability	Ph.D. (doctoral) studies
8	Multiphase flows	Ph.D. (doctoral) studies
9	Magneto-hydrodynamics	Ph.D. (doctoral) studies
10	Turbulent flows	Ph.D. (doctoral) studies

Representative references (at least 5, no more than 10)

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., Časntrak Đ. S., Ćoćić 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) Aplication 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. Ćoćić, 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 Ćoćić 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. Ćoćić, 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	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, pp. 113-122, Belgrade.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	0	The number of national projects in which the teacher is currently engaged	1
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

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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Lukić, Milan, Petar	
Academic rank		associate professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment		01. 01. 1997. (Faculty of Electrical Eng. January 1993.)	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	21. 06. 1996.	University in Belgrade, Faculty of Electrical Engineering	Electrical Engineering, Electronics, Real Time Processing
B.Sc. degree	25. 11. 1992.	University in Belgrade, Faculty of Electrical Engineering	Electrical Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Electrical Engineering and Electronics	
2	Electronics and Biomedical Measurements	
3	Electronics and Biomedical Measurements - Final exam	
4	Biomedical Instrumentation and Equipment	
5	Electronics	

Representative references (at least 5, no more than 10)

1	Dr Dobrila M. Škatarić, Mr Nada V. Ratković, Mr Tomislav M. Stojić, Mr Petar M. Lukić: Zbirka rešenih zadataka iz elektrotehnike, Mašinski fakultet u Beogradu, 1999., ISBN 86-7083-339-5
2	Dr Dobrila M. Škatarić, Dr Dragan B. Kandić, Mr Tomislav M. Stojić, Mr Petar M. Lukić, Mr Nada V. RatISBN 86-906319-0-9ković: Priručnik za laboratorijske vežbe iz elektrotehnike za studente Mašinskog fakulteta, Grafokomerc, Beograd 1999. god.,
3	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
4	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
5	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; 1546-1955/2011/8/001/004; doi 10.1166/jctn2011.1657, ASP Copyright @ 2011 American Scientific Publishers
6	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
7	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
8	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
9	Petar M. Lukić, Rifat M. Ramović, Rajko M. Šašić: Modeling and Optimization of Reliability of One Redundant Computer Network, Proceedings of the EUROCON 2005 - The International Conference on “Computer as a tool”, Vol. 2., pp. 1762. – 1765., ISBN 1-4244-0050-3, IEEE Catalog Number: 05EX1255C
10	P. M. Lukić, R. M. Ramović, R. M. Šašić: "A New Treshold Voltage Analytical Model of Strained Si/SiGe MOSFET", MIEL 2006. Proceedings of the 25th International Conference on Microelectronics (MIEL 2006.), Volume 2, pp. 505. – 508., ISBN 1-4244-0116-X, IEEE Catalog Number: 06TH8868, Library of Congress 2005938573

Summary of teacher's scientific, artistic or professional activities

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

Advanced professional training

Положен стручни испит прописан за дипломираног инжењера електротехнике.

Other information considered relevant

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

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Marinković B. Aleksandar
Academic rank	Associate professor
Name of the institution where the teacher works on a full-time basis	Mechanical Engineering Faculty, University of Belgrade
Date of employment	15.06.1990
Particular scientific (artistic) field	Machine Design

Academic career

	Date	Institution	Field
Promotion	28.11.2011.	Mechanical Engineering Faculty, University of Belgrade	Machine Design
Ph.D. degree	08.10.2004	Mechanical Engineering Faculty, University of Belgrade	Machine Design
Specialization			
M.Sc. degree	31.03.1994.	Mechanical Engineering Faculty, University of Belgrade	Machine Design
B.Sc. degree	25.06.1989.	Mechanical Engineering Faculty, University of Belgrade	Thermoenergetics

The list of courses taught

No.	Title of the course	Level of studies
1	Machine elements 1	BSc
2	Machine elements 2	BSc
3	Shape design	BSc
4	Expriments and simulations	MSc
5	Tribology of machine elements	PhD
6	Selected topics in machine elements V	PhD

Representative references (at least 5, no more than 10)

1	Vencl A., Bobić I., Arostegui S., Bobić B., Marinković A., Babić M.: Structural, mechanical and tribological properties of A356 aluminium alloy reinforced with Al2O3, SiC and SiC + graphite particles; Journal of Alloys and Compounds, Elsevier BV, ISSN 925-8388, Volume 506, Issue 2, 2010., pp.631-639.
2	Stojanović B., Miloradović N., Marijanović N., Blagojević M., Marinković A.: Wear of the timing belt drives, Journal of the Balkan Tribological Association, Scientific Bulgarian Communications, ISSN 1310-4772, Vol. 17 No.2, 2011., pp. 206-214.
3	Marinković A., Rosić B., Petropoulos V.: Analysis and optimization of dynamically loaded porous metal sliding bearings under conditions of elastohydrodynamic lubrication; Engineering Computations: International Journal for Computer-Aided Engineering and Software, Emerald Group Publishing Limited ISSN 0264-4401, Volume24 Number3, 2007., pp. 255-268.
4	Marinković A., Franek F., Pauschitz A.: Simulation and Optimum design of Journal Porous metal bearing under elastohydrodynamic lubrication, Proceedings of the 3rd World Tribology Congress, ISBN 0-7918-3767-X, I734CD, Paper No.63860, Washington D.C.,USA, September 2005.
5	Marinković A., Žunjić A., Pejić D., Stanković M.: Tribological aspects and energy consumption in ballroom dance as a human activity, Proceedings of 3rd European Conference on Tribology - ECOTRIB 2011, Vol 2., pp.785-790, ISBN 978-3-901657-38-2, Vienna, Austria, June 2011.
6	Marinković A., Marković S., Lazović T., Stanković M.: CAD and Simulation of Machine Line for Production of Ducts for HVAC Systems, Proceedings of 7th International Conference on Engineering Computational Technology, paper 110, ISSN 1759-3433, ISBN 978-1-905088-41-6, Valencia, Spain, 14-17, September 2010.
7	Lazović T., Marinković A.: Modelling and simulation of rolling bearings using advance software tools, Proceedings of 6th Vienna Conference on Mathematical Modelling, AGRESIM Reports No.34 pp.421, Vienna, Austria, Februar 2009.
8	Lazović T., Marinković A.: Influence of Wear Rate on the Rolling Bearing Life, Proceedings of 17th International Colloquium Tribology - “Solving Friction and Wear Problems”, pp.195, Technische Akademie Esslingen, Stuttgart / Ostfildern Germany, 2010.
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Summary of teacher's scientific, artistic or professional activities			
The total number of citations	5	The number of national projects in which the teacher is currently engaged	3
The total number of papers published in the SCI (SSCI) journals	3	The number of international projects in which the teacher is currently engaged	
Advanced professional training			
Other information considered relevant			

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Milanovic Lj. Dragan	
Academic rank		Associate Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		18.10.1978.	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	01.06.1987.	Faculty of Security Studies, University of Belgrade	Management
B.Sc. degree	25.03.1974.	Faculty of Traffic Engineering, University of Belgrade	Aviation

The list of courses taught

No.	Title of the course	Level of studies
1	Engineering Economic Analysis	B.Sc.
2	Business Management	B.Sc.
3	Engineering Economy	M.Sc.
4	Industrial Management	M.Sc.
5	Professional practice M IIE	M.Sc.
6	Econometric methods	Ph.D.

Representative references (at least 5, no more than 10)

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, artistic or professional 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	
Advanced professional training			
AQUIT Certified Expert - RBI/RCM (Certificate Nr. 839-41), Steinbeis University Berlin			
Other information considered relevant			

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Miloš V. Marko
Academic rank	Associate Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade, Faculty of Mechanical Engineering
Date of employment	1-May-86
Particular scientific (artistic) field	Machine Design

Academic career

	Date	Institution	Field
Promotion	2012	Univ. of Belgrade, Faculty of Mechanical Engineering	
Ph.D. degree	2005	Univ. of Belgrade, Faculty of Mechanical Engineering	Aerospace
Specialization			
M.Sc. degree	1995	Univ. of Belgrade, Faculty of Mechanical Engineering	Aerospace
B.Sc. degree	1984	Univ. of Belgrade, Faculty of Mechanical Engineering	Aerospace

The list of courses taught

No.	Title of the course	Level of studies
1	Mechanical Engineering Praxis	B.Sc.
2	Skill Praxis B - MFB	B.Sc.
3	Integrated Technical Systems	M.Sc.
4	Electo Mechanical Actuators	M.Sc. - Engl.
5	Actuating Systems	M.Sc. - Engl.
6	Fundamentals of Actuating Systems	M.Sc. - Engl.
7	Systems and Instruments	M.Sc. - Engl.
8	Design of Actuating Systems	M.Sc. - Engl.
9	Nozzle Flow Analysis and TVC Systems	M.Sc. - Engl.
10	Advance Topics of Actuating Systems	Ph.D. - Engl.
11	Thrust Vector Control Systems	Ph.D. - Engl.

Representative references (at least 5, no more than 10)

1	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
2	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
3	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.
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	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)
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	Radoljub Tomić, Aleksandar Sedmak, Dobrivoje M. Ćatić, Marko Miloš, Zoran 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
8	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)
9	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)

10	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

Summary of teacher's scientific, artistic or professional activities

The total number of citations	15	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

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

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Časlav B. Mitrović	
Academic rank		Associate Professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering-Belgrade	
Date of employment		01.12.1986	
Particular scientific (artistic) 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
Specialization	06.03.1991	Faculty of Mechanical Engineering-Belgrade	Aviation
M.Sc. degree	11.07.1984	Faculty of Mechanical Engineering-Belgrade	Aero-space techniques
B.Sc. degree			

The list of courses taught

No.	Title of the course	Level of studies
1	Fundamentals of aerotechnics	Undergraduate academic studies
2	WEB projecting in mechanical engineering	Undergraduate academic studies
3	Software engineering 1	Undergraduate academic studies
4	The Data Exquisite in Mechanical Engineering	Master academic studies
5	Distributed Systems in Mechanical Engineering	Master academic studies
6	Designing software for mechanical engineers	Master academic studies
7	Numerical Methods in Continuum Mechanics	Master academic studies
8	Project Management & Air Regulation	Master academic studies
9	Computer modeling in Mechanical Engineering	Doctoral academic studies
10	Special Algorithms of Mechatronics	Doctoral academic studies
11	Operating Systems Mechatronics	Doctoral academic studies
12	Computability Theory	Doctoral academic studies
13	Digital Forensics	Doctoral academic studies
14	Helicopter Rotor Aerodynamics	Doctoral academic studies
15	Quantitative Research Methods in Aviation	Doctoral academic studies

Representative references (at least 5, no more than 10)

1	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
2	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
3	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
4	Mitrović Č., Petrovic N., Bengin A., Bekric D., Dragovic V., Simonovic A., STRUCTURAL TESTING OF SMALL WIND TURBINE BLADE UP TO FAILURE, 3. International Conference on Innovative Technologies, Bratislava, Slovakia, 01.09.-03.09.(2011)., Proceedings pp. 387-390, ISBN 978-80-904502-6-4
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 533.661
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, artistic or professional activities

The total number of citations	7	The number of national projects in which the teacher is currently engaged	2
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

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Pavisic N. Mirko	
Academic rank		Associate Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		01.09.1979	
Particular scientific (artistic) field		Mechanics	
Academic career			
	Date	Institution	Field
Promotion	01.06.2001	Faculty of Mechanical Engineering, University of Belgrade	
Ph.D. degree	11.04.1995	Faculty of Mechanical Engineering, University of Belgrade	
Specialization			
M.Sc. degree	17.06.1983	Faculty of Mechanical Engineering, University of Belgrade	
B.Sc. degree	20.09.1978	Faculty of Mechanical Engineering, University of Belgrade	

The list of courses taught

No.	Title of the course	Level of studies
1	Mechanics 1	Basic academic studies
2	Mechanics 2	Basic academic studies
3	Impact Mechanics	PhD studies

Representative references (at least 5, no more than 10)

1	A.Sedmak and M.Pavisic:"Conservation law of J integral type for non-stationary time dependent fracture mechanics",Int.J.fracture 69, R41-R43, 1994/95,
2	M.Pavišić, A.Sedmak, N.Savović; "Primene mehanike loma na zavarene spojeve u uslovima stacionarnog puzanja",Zavarivač, Vol. 36, 3-4/1991, str.89
3	M.Pavišić, A.Sedmak, N.Savović; "Modified C* integral for multi-material bodies" ECF9, Realiability and structural integrity of advanced materials,EMAS, Warley, West Midlands, U.K.1992.Vol.II, str.810.
4	A.Sedmak, N.Savović, M.Pavišić:"ESIS recommendations for use finite element method in fracture mechanics", ECF9,Reliability and structural integrity of advanced materials, EMAS, Warley, West Midlands, U.K. 1992, Vol.II. Str.841.
5	M.Pavišić, A.Sedmak; "Primena parametara vremenski zavisne mehanike loma na zavarene spojeve". Međunarodno savetovanje "Zavarivanje 94 - Aktuelni trendovi u zavarivanju I srodnim postupcima",Zbornik radova, Novi Sad, 1994. str 195-200.
6	M. Pavišić:"Conservation law of J integral type for non-stationary creep problems", Transactions, Mašinski fakultet. 1995, str 10-14.
7	M. Pavišić:"Conservation law of J integral type for weldments under nonstationary creep" Zavarivač, Vol.40, 3/1995, DUZ Srbije, str.169-174.
8	B. Grujić, A.Sedmak, Z.Burzić,M.Pavišić: "Remaining life assessment of power plant components exposed to high temperature stationary creep" Thermal Science, Vol. 2, No 2, 1998, p.75.
9	M. Pavišić, A.Sedmak: "Conservation law of J integral type for bi-material body under non-stationary creep conditions "Proc. Of Yuctam 97, XXII Kongres teorijske I primenjene mehanike, Vrnjačka Banja, str. 124-128, 1997.
10	A. Sedmak, M.Pavišić: "Određivanje temperaturskih naponskih polja I njihov uticaj na proces puzanja", Zbornik radova sa Savetovanja EPS "Kontrola I praćenje stanja metala", 1995.str.157.

Summary of teacher's scientific, artistic or professional activities

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

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Petrovic B. Dusan	
Academic rank		Associate professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade - Faculty of mechanical engineering	
Date of employment		11.03.1992.	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	24.06.1991.	University of Belgrade - Faculty of mechanical engineering	Mechanisation
B.Sc. degree	12.03.1982.	University of Belgrade - Faculty of mechanical engineering	Production Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Industrial logistics	M.A.S.
2	Design of logistic and warehouse systems	M.A.S.
3	Modelling, optimisation and forecasting in industrial engineering	D.S.
4	Selected topics of logistics	D.S.

Representative references (at least 5, no more than 10)

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., Glišic, 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	Bugaric, U., Petrovic, D.: Servicing systems modelling, Faculty of mechanical engineering Belgrade, Belgrade, 2011. (ISBN 978-86-7083-749-2 in Serbian) (textbook)
10	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)

Summary of teacher's scientific, artistic or professional activities

The total number of citations	16	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	

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Petrovic Lj. Aleksandar	
Academic rank		associate profesor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering	
Date of employment		01.03.1987.	
Particular scientific (artistic) field		Process engineering	
Academic career			
	Date	Institution	Field
Promotion	06.06.2011.	Faculty of Mechanical Engineering	Process engineering
Ph.D. degree	06.06.2000.	Faculty of Mechanical Engineering	Process engineering
Specialization			
M.Sc. degree	17.04.1992	Faculty of Mechanical Engineering	Process engineering
B.Sc. degree	08.12.0986	Faculty of Mechanical Engineering	Process engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Pipelines and valves	B.Sc.
2	Design of process equipment	B.Sc.
3	Technical legislation	M.Sc.
4	Design ,construction and exploitation of process systems	M.Sc.
5	Methods in design, costruction of process equipment	Ph.D.

Representative references (at least 5, no more than 10)

1	Petrović, A.: An Analysis of Stress in Cylindrical Shells of Pressure Vessels Due to Loads Applied to the Free End of Nozzle, International Journal of Pressure Vessels and Piping, Vol. 78, Num.7, ELSEVIER, United Kingdom. pp 485 – 493, 2001. ISSN 0308-0161, IF= 0,25 – 2001. (M23)
2	Dedić, A., Petrović, A., Nešić, M.: Modeling the process of desorption of water in oak (Quecus robur L.) wood, Hoizforschung, Vol. 58, pp 268-273, 2004. ISSN 0018-3830, IF= 0,939 – 2004
3	A L Petrovic, M M Balac, A M Jovovic, and A Dedic 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 0954406211415907, first published on September 23, 2011 as doi:10.1177/0954406211415907 ISSN (printed): 0954-4062. ISSN (electronic): 2041-2983. IF= 0,451 (M23)
4	Milos Milosevic, Nenad Mitrovic, Radomir Jovicic, Tasko Maneski, Aleksandar Petrovic and Tarek Buruga: Measurement of local tensile properties of welded joint using digital image correlation method, Chmicke listy S, ročnik 106, s485 –s488
5	Nenad Mitrovic, Milos Milosevic, Aleksandar Petrovic, Tasko Maneski and Milorad Zrilic Experimental and numerical analysis of local mechanical properties of globe valve housing, Chmicke listy S, ročnik 106, s491 – s494 (2012)
6	Petrović, A., Petrović, LJ.: Ejectors, ETA, Beograd, 2009., str. 276.,
7	Mitrovic, R., Popovic, P. et al (Petrovic, A.) conformity assessment - infrastructure development, Directive 97/23/EC PED - Pressure Equipment, Institute of Nuclear Sciences Vinča, 2009.
8	Bogner, M., Et al (Petrovic, A)., Termotehničar, chapter Design and calculation apparatus, Inter klima – grafika, Vrnjačka banja i SMEITS Beograd, 2004
9	Bogner, M., Petrovic, A., Pressure vessels, Zavod za izdavanje udžbenika, Beograd., 2003.
10	Bogner, M., Et al (Petrovic, A). Appraisal Services in planning and construction, the third extended and revised edition, Inter klima – grafika, Vrnjačka banja i SMEITS Beograd, 2009

Summary of teacher's scientific, artistic or professional activities

The total number of citations	7	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	

Advanced professional training

Short stay at Purdue University, USA

Other information considered relevant

License for responsible project 330 and 332
Multi-year technical expert and assessor Serbian Accreditation body
Examiner for the professional exams in the field of engineering and natural gas fields
Participant in the construction process as a designer, technical control, monitoring and acting technical review of dozens of facilities
An expert in the field of environmental protection within the competent ministry for several years and needs of the City of Belgrade

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Popović D. Olivera	
Academic rank		Associate professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, Belgrade	
Date of employment		01.05.1998.	
Particular scientific (artistic) 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
Specialization	08.06.2001.	Faculty of Mechanical Engineering, Belgrade	Engineering materials and welding
M.Sc. degree	25.05.1998.	Faculty of Mechanical Engineering, Belgrade	Mechanical Engineering
B.Sc. degree			

The list of courses taught

No.	Title of the course	Level of studies
1	Engineering materials 1	B.Sc.
2	Engineering materials 2	B.Sc.
3	Conventional welding processes	B.Sc.
4	Metallurgy of welded joints	Ph.D.

Representative references (at least 5, no more than 10)

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.Buyukyildrim, 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: 0.312 (2010)
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: 0.548 (2009)
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: 0.083 (2010)
6	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
7	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, ISSN 0543-5846, Impact factor 0.259, accepted for publishing
8	O. Popović, R. Prokić-Cvetković, M. Burzić, Z. Milutinović, The Effect of Heat Input on The Weld Metal Toughness of Surface Welded Joint, Proceedings of the 14th International Research/Expert Conference «Trends in the development of machinery and associated technology TMT 2010», Mediterranean Cruise, 11-18 September, 2010, pp.61-64.
9	O. Popović, R. Prokić-Cvetković, A.Sedmak, R. Jovičić, Estimation of Crack Growth Parameters in Surface Welded Layer, Proceedings of the 12th International Research/Expert Conference «Trends in the development of machinery and associated technology TMT 2008», Istanbul, Turkey, 26-30 August, 2008, pp.1157-1160.

10	O. Popović, R. Prokić-Cvetković,A.Sedmak, V. Šijački-Žeravčić, G. Bakić, M. Đukić, The Influence of Filler Material on Microstructure of High-Carbon Steel Surface Welded Layer, Proceedings of the 11th Inter. Research/Expert Conference «Trends in the development of machinery and associated technology TMT 2007», Hammamet, Tunisia, 05-09 September, 2007, pp.1491-1494.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	4	The number of national projects in which the teacher is currently engaged	1
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

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Radaković J. Zoran	
Academic rank		associate professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment		11.01.1993	
Particular scientific (artistic) field		Engineering Materials	
Academic career			
	Date	Institution	Field
Promotion	03.06.2010	University of Belgrade, Faculty of Mechanical Engineering	Engineering Materials and Welding
Ph.D. degree	26.04.2004	University of Belgrade, Faculty of Mechanical Engineering	Mechanical Engineering
Specialization			
M.Sc. degree	20.04.1995	University of Belgrade, Faculty of Mechanical Engineering	Engineering Materials and Welding
B.Sc. degree	17.07.1992	University of Belgrade, Faculty of Mechanical Engineering	Thermal Science Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Engineering Materials 1	OAS
2	Engineering Materials 2	OAS
3	Design and Testing Welded Structures	MAS
4	Specialized Joining Techniques	MAS
5	Structural Integrity and Life	DS

Representative references (at least 5, no more than 10)

1	Radaković Z., Magnetic Emission Technique in Assessing Dynamic Fracture Mechanics Parameters of Ductile Steel, FME Transactions, Vol. 33, No 1 (2005), pp.1-9, ISSN 1451-2092.
2	Z. Radaković, Dynamic Fracture Mechanics Assessments by Simultaneous Magnetic Emission and Potential Drop Techniques, Strojarstvo: časopis za teoriju i praksu u strojarstvu, Vol. 53 No. 3, 2011.
3	S. Petronić, A. Milosavljević, Z. Radaković, P. Drobnjak, I. Grujić, Analysis of geometrical characteristics of pulsed ND:YAG laser drilled holes in superalloy Nimonic 263 sheets, Technical Gazette, Vol. 17 No. 1, 2010.
4	Z. Radaković, Gy. B. Lenkey, V. Grabulov, A. Sedmak: Application of two independent measurement techniques for determination of ductile crack growth initiation, International Journal of Fracture, Vol. 96, No.2, 1999, pp. L23-L28, ISSN: 0376-9429 (print version), ISSN: 1573-2673 (electronic version)
5	S. Sedmak, Z. Radaković (Eds.): From Fracture Mechanics to Structural Integrity Assessment, This monograph is a collection of lectures presented at the Eighth International Fracture Mechanics Summer School, held in Belgrade, Serbia and Montenegro 23-27 June 2003, jointly published by the Society for Structural Integrity and Life and Faculty of Technology and Metallurgy, University of Belgrade, 2004, ISBN 86-905595-0-7, COBISS.SR-ID 115216140.
6	Z. Radaković, A. Sedmak, Gy. B. Lenkey, V. Grabulov: Determination of ductile crack initiation by magnetic emission and potential drop techniques using pre-cracked Charpy specimens, “From Charpy to Present Impact Testing”, Eds. D. Francois & A. Pineau, ESIS Publication 30, Elsevier, Amsterdam, 2002, pp.71-78, ISBN: 0080439705, ISBN-13: 978-0080439709.
7	S. Sedmak, Z. Radaković, J. Lozanović (Eds.): The Challenge of Materials and Weldments – Structural Integrity and Life Assessments, This monograph contains lectures presented at the Ninth International Fracture Mechanics Summer School, held in Zlatni Pjasci, Bulgaria, 19-23 September 2005, jointly published by the Faculty of Mechanical Engineering, University of Belgrade, Society for Structural Integrity and Life, Faculty of Technology and Metallurgy, University of Belgrade, and Institute GOŠA d.o.o., Belgrade 2008, ISBN 978-86-86917-04-1 (IG), COBISS.SR–ID 149409292.
8	Kalaba, D.V., Sedmak, A.S., Radaković, Z.J., Miloš, M.V.: Thermomechanical Modelling the Resistance Welding of PbSb Alloy, Thermal Science Vol.14, No2 (2010), pp.437-450. DOI: 10.2298/TSCI1002437K, ISSN 0354-9836.
9	S. Sedmak, Z. Radaković, Lj. Milović, I. Svetel: Significance and Applicability of Structural Integrity Assessment, Structural Integrity and Life *(Integritet i vek konstrukcija*), Vol.12, No.1, 2012, pp.3-30

10	Lj. Milović, S. Bulatović, Z. Radaković, V. Aleksić, S. Sedmak, S. Marković, M. Manjgo: Assessment of the Behaviour of Fatigue Loaded HSLA Welded Steel Joint by Applying Fracture Mechanics Parameters, Structural Integrity and Life (*Integritet i vek konstrukcija*), Vol.12, No.3, 2012, pp.175-179.

Summary of teacher's scientific, artistic or professional 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	4	The number of international projects in which the teacher is currently engaged	1

Advanced professional training

1. European Welding Engineer (University of Belgrade, Faculty of Mechanical Engineering, Institute for Materials, Tribology and Combustion, 1996, according to standard EN 718).
2. Professional courses of programming packages for numerical simulation, modelling and parallel processing:
– NISA II (University of Belgrade, Faculty of Mechanical Engineering, 1999)
– Computer Modelling and Design of Structures–KOMIPS (University of Belgrade, Faculty of Mechanical Engineering, 2000)
– Static and Dynamic Nonlinear Analysis of Fracture in Solids – WARP3D (University of Illinois, Urbana–Champaign, USA, 2001)
– Short Course on Parallel Numerical Simulation–SimLab (University of Belgrade, Faculty of Mechanical Engineering, organized by HRK–Hochschulrektorenkonferenz, DAAD–Deutscher Akademischer Austausch Dienst, and the Faculty of Mechanical Engineering, 2002)
– Course on programming package ProEngineer Wildfire II (University of Belgrade, Faculty of Mechanical Engineering, 2005)
– Course on programming package Abaqus 6.5.3 (Institute for Physics, Zemun, Belgrade, 2005)
3. Microsoft certified courses:
– Implementation, control and maintenance of network services MS Windows Server 2003
– Introduction to programming Visual Basic .NET Aquit–CPU (2004)
4. Foreign language courses and certifications:
– German language–higher course, Institute for Foreign Languages, Belgrade (certificate, 1981)
– English language–debating conversational level, Centre for Study of Foreign Languages, Belgrade (certificate on the proficiency of general and professional language, 1992)
5. General courses on modern methods in higher education:
– Course Moodle LCMS–first eLearning workshop at the University of Belgrade (Faculty of Mechanical Engineering, 2005)
– Course on Andragogy (University of Belgrade, Faculty of Philosophy, 2005)

Other information considered relevant

1995-2000. Editor of several columns, and technical editor of the scientific and professional journal Welding (Zavarivanje), or Welding and Welded Structures (Zavarivanje i zavarene konstrukcije), published by the Society for the Advancement in Welding in Serbia (DUZS), Belgrade, ISSN 0354-7965.
2004-2009. Editor in chief of the scientific and professional journal Structural Integrity and Life (Integritet i vek konstrukcija), published by the Society for Structural Integrity and Life (DIVK) and the Institute for Testing of Materials (IMS), Belgrade, ISSN 1451-3749 (printed edition), EISSN 1820-7863 (online edition).
Editor, technical editor and professional translator of 4 monographs and several conference proceedings.
Memberships:
– Society for the Advancement in Welding in Serbia (DUZS), Belgrade
– Society for Structural Integrity and Life (DIVK), Belgrade
– Serbian Society of Mechanics, Belgrade
– European Structural Integrity Society (ESIS)
Study visit to the University of Miskolc, Hungary (beginning 1997, 1998,and 1999).
Visit to the University of Sheffield, UK (1998).
Study visit to the University of Illinois (UIUC) at Urbana-Champaign (2001).
Through coordination of the European Committee for Standardization, elected as professional translator for the CARDS programme, translation of European Standards (project SCG-Quality) (2006).

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Radic B. Dejan
Academic rank	Associate Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade - Faculty of Mechanical Engineering
Date of employment	01.05.1997.
Particular scientific (artistic) 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
Specialization	-	-	-
M.Sc. degree	08.02.2002.	University of Belgrade, Faculty of Mechanical Engineering	Mechanical, Process engineering
B.Sc. degree	20.10.1995.	University of Belgrade, Faculty of Mechanical Engineering	Mechanical, Process engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Air Pollution Control	M.Sc.
2	Measurement and Control in Process Industry	M.Sc.
3	Combustible, technical and medical gases	M.Sc.
4	Chemical and Biochemical Operations and Reactors	M.Sc.
5	Industrial furnaces and boilers	M.Sc.
6	Advance in Chemical Process Equipment	Ph.D.
7	Principles and Concepts of Industrial Air Pollution	Ph.D.
8	Industrial Energy and High Temperature Process and Units	Ph.D.

Representative references (at least 5, no more than 10)

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, http://www.revistadechimie.ro/arhiva.asp?lim=ro&rev=ch
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 rafinerry 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	"Waste MAnagement Engineering and Practice in West Balkan Countries - Case study Serbia", Anual Journal of IIE (HK), Volume 26 (2005-2006), pg. 11-20, Institute of Industrial Engineers, Hong Kong, ISSN 1609-3208.
9	"Determining the technical characteristics of the aeration systems for oil refinery's waste water treatment", 16th International Congress of Chemical and Process Engineering, Czech Society of Chemical Engineering, pg. 10, Prague, Czech Republic, 22-26 august 2004.

10	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, artistic or professional activities

The total number of citations	4	The number of national projects in which the teacher is currently engaged	2
The total number of 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Radojević Lj Slobodan	
Academic rank		Associate Professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment			05.05.1988
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	13.11.1991	University of Belgrade, Faculty of Mathematics	Mathematics
B.Sc. degree	04.10.1986	University of Belgrade, Faculty of Mathematics	Mathematics

The list of courses taught

No.	Title of the course	Level of studies
1	Mathematics 1	B.Sc. Studies
2	Mathematics 2	B.Sc. Studies
3	Essential programming in C	B.Sc. Studies
4	Programming tools	B.Sc. Studies
5	C/C++	M.Sc. Studies
6	High Course of Mathematics	Ph.D. Studies

Representative references (at least 5, no more than 10)

1	Jungck, G., Radenović, S., Radojević, S., Rakočević, V., Common Fixed Point Theorems for Weakly Compatible Pairs on Cone Metric SpacesFixed 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, artistic or professional activities

The total number of citations	18	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	0

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Saljnikov V Aleksandar
Academic rank	associate professor
Name of the institution where the teacher works on a full-time basis	Mašinski fakultet Univerziteta u Beogradu
Date of employment	01.02.1993.
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	08.06.1982.	School of Mech.Eng. Purdue University, USA	thermal engineering
B.Sc. degree	08.02.1980.	Mašinski fakultet Univerziteta u Beogradu	thermal engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Heat and mass transfer	DAS
2	Thermodynamics M	DAS
3	Basic heat transfer	OAS

Representative references (at least 5, no more than 10)

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 goreniya 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 Devolatilizion 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, (na 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, (na ISI-SCI listi, IF= 0.56) ISSN 0894-1777
8	Torhač, E., Goričanec, D., Andrejević, S., Saljnikov, A., Krope, J.: New high temperature heat pumps for exploiting low temperature sources; Research Journal of Chemistry and Environment: Vol.15, (2011), Iss.2, 1-6, (na ISI-SCI listi, IF= 0.36) ISSN 0972-0626
9	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), 131-141, ISSN 0350-0608
10	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, artistic or professional 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 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, Japan as a visiting research scientist, as a recipient of post-doctoral scholarship of Japan Society for 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 Faculty of Mechanical Engineering of Uralsk university, Kazakhstan
2011 - elected an expert of the Center of project evaluation of Ministry of science of Kazakhstan
2012 - elected an expert of the Center of project evaluation of Ministry of industry of Kazakhstan

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Goran Ž. Simić
Academic rank	Associate professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade-Faculty of Mechanical Engineering
Date of employment	29.04.1977
Particular scientific (artistic) field	Railway mechanical engineering

Academic career

	Date	Institution	Field
Promotion	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
Specialization			
M.Sc. degree	1988/	University of Belgrade-Faculty of Mechanical Engineering	Railway mechanical engineering
B.Sc. degree	1976/	University of Belgrade-Faculty of Mechanical Engineering	Railway mechanical engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Fundamentals of Rail Vehicles	Bachelor
2	Brakes of rail vehicles	Master
3	Rail vehicles 1	Master
4	Rail vehicles 2	Master
5	Fundamentals of Rail Vehicle Dynamics	Master
6	Urban and special rail vehicles	Master

Representative references (at least 5, no more than 10)

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 Ćuprić, 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
6	Simić,G., Rüger, B., Milković, D., Improving boarding assistance systems practice, 9th International Symposium EURO - ŽEL 2011, Žilina.
7	Rueger, B., Simic, G., Improving Railway Vehicle Accessibility For All Mobility Reduced, 9th World Congress on Railway Research, Lille 2011.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	15	The number of national projects in which the teacher is currently engaged	2
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

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Spasojević Brkić K. Vesna	
Academic rank		Associate Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering University of Belgrade	
Date of employment		15.02.1995.	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	24. 06.1999.	Faculty of Mechanical Engineering University of Belgrade	Industrial Engineering/ Mechanical Engineering
B.Sc. degree	30.12.1994.	Faculty of Mechanical Engineering University of Belgrade	Industrial Engineering/ Mechanical Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Production Management 1	Bachelor
2	Skill Praxis B IIE	Bachelor
3	B.Sc. Production Management 1	Bachelor
4	Risk management in Terotechnology	Master
5	Organization Design	Master
6	Maintenance and Quality Management System	Doctoral
7	Human- Machine Interface	Doctoral
8	Modern Concepts of Organization	Doctoral
9	Risk Management	Doctoral

Representative references (at least 5, no more than 10)

1	Klarin, M., Cvijanović, J., Spasojević-Brkić, V., 2000,The shift level of the utilization of capacity as the stohastic 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 accordence 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 Vesna, Contingency Theory and Quality Management (in Serbian), MNTRS- Mašinski fakultet, 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, Ćoćkalo 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	V.K. Spasojevic Brkic, 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

Summary of teacher's scientific, artistic or professional activities

The total number of citations	33 ISI /6 SCIndex/29 Scopus	The number of national projects in which the teacher is currently engaged	1
The total number of 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Stevanović D Nevena	
Academic rank		Associate Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		1st February 1990	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	1st Nov 1993	Faculty of Mechanical Engineering, University of Belgrade	Fluid Mechanics
B.Sc. degree	4th Jan 1989	Faculty of Mechanical Engineering, University of Belgrade	Thermodynamics

The list of courses taught

No.	Title of the course	Level of studies
1	Fluid Mechanics B	B.Sc.
2	Fluid Mechanics M	M.Sc.
3	Microfluidics and Nanofluidics	M.Sc.
4	Biofluid mechanics	M.Sc.
5	Gas dynamics	M.Sc.
6	Mathematical methods of fluid mechanics	Ph.D.
7	Biofluid mechanics – advanced course	Ph.D.
8	Mass, momentum and energy transport phenomena	Ph.D.
9	Microchannel fluid flow	Ph.D.

Representative references (at least 5, no more than 10)

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
6	Stevanovic ND, Milicev SS (2010) A constant wall temperature microbearing gas flow. FME Transactions, 38 No2: 65-71
7	Stevanović ND (2005) Friction pressure loss in micro channel rarefied gas flows. FME Transactions 33: 65-72
8	Stevanovic ND (2003) A High Order Theory for an Isothermal Rarefied Gas in Micro Channels. Proceedings of 4th ASME/JSME Joint Fluids Engineering Conference, Hawaii, USA, paper FEDSM 2003-45637
9	Milicev SS, Stevanovic ND (2008) A constant wall temperature microchannel gas flow. Proceedings of 1st European conference on microfluidics, Bologna, Italy
10	Stevanovic ND, Milicev SS, Djordjevic VD (2012) Microbearing gas flow modeling by fractional derivative for entire Knudsen number range, International Conference Contemporary Problems of Mechanics and Applied Mathematics, Novi Sad, September 3-6.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	5	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	

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Trifković Milan Zoran	
Academic rank		Full professor	
Name of the institution where the teacher works on a full-time basis		Faculty oh Mechanical Engineering, University of Belgrade	
Date of employment		16.09.2004.	
Particular scientific (artistic) field		Techical Physics	
Academic career			
	Date	Institution	Field
Promotion	17.10.2012.	Faculty oh Mechanical Engineering	Techical Physics
Ph.D. degree	02.08.2002.	Faculty oh Electrical Engineering	
Specialization			
M.Sc. degree	01.07.1998.	Faculty oh Electrical Engineering	Plasma and solid state bodies technics and physics
B.Sc. degree			

The list of courses taught

No.	Title of the course	Level of studies
1	Physics and measurment	Undergraduate studies

Representative references (at least 5, no more than 10)

1	Jovan Cvetic, Predrag Osmokrovic, Fridolin Heidler and Zoran Trifkovic, (2011) Extension of Lightning Corona Sheath Model during Return Stroke, IEEE Transactions on Dielectrics and Electrical Insulation, vol. 18, no 5, pp. 1383-1392. ISSN 1070-9878, IF 1,729.
2	Trifković Zoran M, Osmokrovic Predrag V, (2009) Resonant generation of the rectification electric mode in suddenly created cold lossless magnetized plasma. Transversal propagation., Journal of Applied Physics, vol. 105, no 1, pp. 013310-1-013310-5. ISSN 1089-7550, IF 2,278.
3	Trifković Zoran M, Osmokrovic Predrag V, (2009) Conversion of a left-hand circularly polarized whistler wave into the magnetic energy of a controllable helical wiggler wave, Plasma Devices and Operations, vol. 17, no 3, pp. 215-220. ISSN 0741-3335, IF 0,640.
4	Trifković Zoran M, Cvetić Jovan M, Osmokrovic Predrag V, (2009) Generation of degenerate modes in suddenly created cold weakly nonlinear magnetized plasma, Plasma Devices and Operations, vol. 17, no 4, pp. 301-308. ISSN 0741-3335, IF 0,640.
5	Bozidar V. Stanic and Zoran M. Trifkovic, (2007) The Third Harmonic Generation of Traveling and Stationary Wave Modes in a Suddenly Created Nonlinear Cold Plasma, IEEE Transactions on Plasma Science, vol. 35, no 4, pp. 1041-1045. ISSN 0093-3813, IF 1,181.
6	Zoran M. Trifkovic and Bozidar V. Stanic, (2006) Nonlinear transformation of electromagnetic wave in time varying medium. Longitudinal propagation, Journal of Applied Physics, vol. 100, no 7, pp. 3472-3479. ISSN 1089-7550, IF 2,316.
7	Zoran M. Trifkovic and Bozidar V. Stanic, (2002) Nonlinear transformation of electromagnetic waves in suddenly created cold magnetoplasma: Longitudinal propagation, Journal of Applied Physics, vol. 92, no 7, pp. 3472-3479. ISSN 1089-7550, IF 2,281.
8	Cvetic J., Heidler F., Radosavljevic A., Đurić R., Ponjavic M., Šumarac D.,Trifkovic Z., The Influence of the Breakdown Electric Field in the Lightning Corona Sheath on the Dynamics of the Return Stroke, has been accepted to be presented at 31st International Conference on Lightning Protection, Vienna 2012.
9	Osmokrovic P., Pesic M.; Trifkovic Z., Vasic A., Reliability of Three-Electrode Spark Gaps for Synthetic Test Circuits, Plasma Science, IEEE 34th International Conference on Plasma Science, Albuquerque NM, 2007, pp 885.
10	Zoran M. Trifkovic and Bozidar V. Stanic, Second Harmonics Excitation of Electron Longitudinal Electric Wave Modes in the Suddenly Created Weakly Nonlinear Magnetized Plasma. Transversal Propagation, The book of contributed papers of the 22nd Summer School and International Symposium on the Physics of Ionized Gases, National park Tara 2004, pp. 569-572.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	3	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the SCI (SSCI) journals	7	The number of international projects in which the teacher is currently engaged	

Advanced professional training

Study visits covered by Tempus project No. CD_JEP-16123-2001 during 2002.-2005. : TU Delft, TU Munchen, Univesity Collage of London, Zurich Hochschule fur Technik, University og Cambridge.

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Tucakovic R. Dragan
Academic rank	associate professor
Name of the institution where the teacher works on a full-time basis	Faculty of Mechanical Engineering, University of Belgrade
Date of employment	01.11.1991
Particular scientific (artistic) field	Thermotechnic; Thermoenergetic

Academic career

	Date	Institution	Field
Promotion	24.10.2008.	Faculty of Mechanical Engineering, Belgrade	Thermotechnic
Ph.D. degree	08.07.2003.	Faculty of Mechanical Engineering, Belgrade	Thermotechnic
Specialization			
M.Sc. degree	22.12.1995.	Faculty of Mechanical Engineering, Belgrade	Thermotechnic
B.Sc. degree	24.05.1991.	Faculty of Mechanical Engineering, Belgrade	Thermotechnic

The list of courses taught

No.	Title of the course	Level of studies
1	Energy Steam Boilers 1	M.Sc.
2	Energy Steam Boilers 2	M.Sc.
3	Ship Turbines and Boilers	M.Sc.
4	Steam Boiler Basics	B.Sc.

Representative references (at least 5, no more than 10)

1	D. Tucakovic, V. Stevanovic, T. Zivanovic, A. Jovovic, V. Ivanovic, *Thermal-hydraulic analysis of a steam boiler with rifled evaporating tubes* , Applied Thermal Engineering, Vol. 27, No. 2-3, p. 509-519, 2007
2	D. Tucakovic, T. Zivanovic, V. Stevanovic, S. Belosevic, R. Galic, *A computer code for the prediction of mill gases and hot air distribution between burners' sections at the utility boiler* , Applied Thermal Engineering, Vol. 28, No. 17-18, p. 2178-2186, 2008
3	S. Belosevic, M. Sijercic, D. Tucakovic, N. Crnomarkovic, *A numerical study of a utility boiler tangentially-fired furnace under different operating conditions* , Fuel, Vol. 87, No. 15-16, p. 3331-3338, 2008
4	V. Ivanovic, T. Zivanovic, D. Tucakovic, G. Stupar, Reconstruction of the aero-mixture channels of the pulverized coal plant of the 100 MW power plant unit, Thermal Science, vol. 15, No. 3, p. 663-676, 2011
5	Nenad Crnomarkovic, Miroslav Sijercic, Srdjan Belosevic, Dragan Tucakovic, Titoslav Zivanovic, *Influence of application of hottel's zonal model and six-flux model of thermal radiation on numerical simulations results of pulverized coal fired furnace* , Thermal Science, vol. 16, No. 1, pp. 271-282, 2012
6	D. Tucakovic, T. Zivanovic, TECHNICAL SOLUTION: Software for calculation of coal preparation facilities plants, in purpose of determining the distrubution of mill gases and heated air by burner levels in a energy steam boiler, 2009
7	D. Tucakovic, T. Zivanovic, G. Stupar, M. Banjac, TECHNICAL SOLUTION: Software for thermal calculation, in purpose of determining the heat balance and checking the temperatures of heat transmitters and receivers of the heating surfaces in energy steam boiler, steam block 2 in TP Kostolac B, 2011
8	Milan Petrovic, Aleksandar Petrovic, Titoslav Zivanovic, Dragan Tucakovic, Dobrila Skataric, Mihailo Muravljov, TECHNICAL SOLUTION:Preliminary design for construction of gas turbine for combined production of electricity and heat in MSK Kikinda, 2006
9	Lj. Brkic, T. Zivanovic, D. Tucakovic; BOOK: *Thermal calculation of steam boilers* , Faculty of Mechanical Engineering, Belgrade, 2010
10	Lj. Brkic, T. Zivanovic, D. Tucakovic; BOOK: *Hydrodynamic calculation of steam boilers* , Faculty of Mechanical Engineering, Belgrade, 2010

Summary of teacher's scientific, artistic or professional activities

The total number of citations	85	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	9	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant

In last 5 years was actively involved in production of studies, projects and calculations of great number of papers regarding the power plants and industrial faliclities for production of heat and electricity.

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Fotev G Vasko	
Academic rank		ass. Profesor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade, Serbia	
Date of employment		01.10.1985.	
Particular scientific (artistic) field		Aeronautics	
Academic career			
	Date	Institution	Field
Promotion	07.03.2011.	Faculty of Mechanical Engineering, UB	Aerospace
Ph.D. degree	25.07.1997	Faculty of Mechanical Engineering, UB	Aerospace
Specialization			
M.Sc. degree	18.01.1991	Faculty of Mechanical Engineering, UB	Aerospace
B.Sc. degree	20.05.1982.	Faculty of Mechanical Engineering, UB	Aerospace

The list of courses taught

No.	Title of the course	Level of studies
1	Airbreathing propulsion	M.Sc.
2	Flying vehicle propulsion and systems	B.Sc
3	Selected topics from propulsion	PhD

Representative references (at least 5, no more than 10)

1	Adzic M., Fotev V., Milivojevic A., Zivkovic M.: Effect of a Microturbine Combustor Type on Emissions at Lean-premixed Conditions, Journal of Propulsion and Power, ISSN 0748-4658, Vol. 26, No. 5.September-October 2010, pp. 1135-1143, 2010.
2	Adžić M., Živković M., Fotev V., Milivojević A., Adžić V.: Influental Parameters of Nitrogen Oxides Emissions for Microturbine Swirl Burner With Pilot Burner, Hemijska Industrija, ISSN 0367-598X, Vol. 64, No 4, 2010.
3	Živković M., Adžić M., Fotev V., Milivojević A., Adžić V., Ivezić D., Ćosić B.: Influence of Carbon Dioxide Content in the Biogas to Nitrogen Oxides Emissions, Hemijska Industrija, Vol. 64, No 5, pp. 439-445, 2010.
4	Adžić M., Fotev V., Milivojević A., Đajić N., Ivezić D., Živković M., Buljak V., Vuletić V., Pešić S., Bogdanović S., Popović R.: Research and Development of Efficiente, Environmentally Impruved Haushold gas Appliences, Thermal Science, ISSN 0354-9836, 4/2006, supplement to Vol. 10 number 4, VINČA Institute of Nuclear Sciences, Belgrade, pp. 79-89, 2006
5	Фотев В., Јојић Б.: Развој експерименталног ракетног мотора на течну погонску материју ТРЕМ-1, X Југословенски конгрес ВАЗДУХОПЛОВСТВО 95'., Београд, зборник радова, pp. C1-C6, 1995.
6	Фотев В.: РММКВ метода одређивања карактеристика реалне коморе сагоревања гаснотурбинског мотора, XI Југословенски конгрес ВАЗДУХОПЛОВСТВО 97´., Београд, зборник радова, pp. C1-C6, 1997.
7	Фотев В.: Математичко приказивање каракеристика компресора гасно-турбинског мотора, XI Југословенски конгрес ВАЗДУХОПЛОВСТВО 97´., Београд, зборник радова, pp. C33-C37, 1997.
8	Фотев В.: Основни принципи развоја жилавих система, XXIII Мајски скуп одржавалаца, Београд, 9.-11- мај 2000, pp. 313-316, 2000.
9	Alsowani M. M., Fotev V.: Optimization of Production and Quality Control Technique for Liquid Rocket Engine Turbine Assembly, 28. JUPITER konferencija, 30.simpozijum, Beograd, pp. 4.61-4.64, 2002
10	Alsowani M. M., Fotev V.: Effect of Turbine Blade Tolerances on the Axial Flow Turbine Performance, 29. JUPITER konferencija, 25. simpozijum, Beograd, pp. 3.1-3.4, 2003.

Summary of teacher's scientific, artistic or professional activities

The total number of citatio	0	The number of national projects in which the teacher is currently engaged	
papers published in the SCI (SSCI) journals	3	The number of international projects in which the teacher is currently engaged	

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Cvetkovic S Aleksandar	
Academic rank		Associate Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		01.07.2010.	
Particular scientific (artistic) field		Mathematics	
Academic career			
	Date	Institution	Field
Promotion	14.12.2009	Faculty of Mechanical Engineering, University of Belgrade	Methematics
Ph.D. degree	27.11.2004	Faculty of Sciences and Mathematics, University of Nis	Mathematics
Specialization			
M.Sc. degree	05.03.2002	Faculty of Electronical Engineering, Unviersity of Nis	Electrtechnics
B.Sc. degree	15.10.1997	Faculty of Electronical Engineering, Unviersity of Nis	Electronics

The list of courses taught

No.	Title of the course	Level of studies
1	Mathematics II	BSc
2	Numerical methods	BSc
3	Essential programming in C	BSc
4	Computing tools	OAC
5	Computer modelling and animation	BSc
6	Object oriented programming and Java	BSc
7	Numerical methods	PhD

Representative references (at least 5, no more than 10)

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.

Summary of teacher's scientific, artistic or professional 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 Matematique, Mathematical Institute, SANU

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Blagojevic A Ivan
Academic rank	Assistant Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade - Faculty of Mechanical Engineering
Date of employment	01.04.1996.
Particular scientific (artistic) field	Motor Vehicles

Academic career

	Date	Institution	Field
Promotion	02.07.2012.	Faculty of Mechanical Engineering Belgrade	Motor Vehicles
Ph.D. degree	23.10.2009.	Faculty of Mechanical Engineering Belgrade	Motor Vehicles
Specialization			
M.Sc. degree	09.11.2000.	Faculty of Mechanical Engineering Belgrade	Motor Vehicles
B.Sc. degree	10.07.1995.	Faculty of Mechanical Engineering Belgrade	Motor Vehicles

The list of courses taught

No.	Title of the course	Level of studies
1	Vehicle Systems	Bachelor Studies
2	Vehicles Safety	Bachelor Studies
3	System Effectiveness	Master Studies
4	Vehicle Drive and Running Gears	Master Studies
5	Vehicles and Environment	Master Studies

Representative references (at least 5, no more than 10)

1	Blagojevic Ivan, Vorotovic Goran, Ivanovic Gradimir, Jankovic Slobodan, Popovic Vladimir: ENERGY EFFICIENCY IMPROVEMENT BY GEAR SHIFTING OPTIMIZATION, Thermal Science (IF 2011=0.78), DOI: 10.2298/TSCI120129035B
2	Jankovic Slobodan, Kleut Dragan, Blagojevic Ivan, Stamenkovic Dragan, Vorotovic Goran: APPLICATION OF VEHICLE'S CAN BASED NETWORK IN TRANSMISSION SERVICE LOAD DATA ACQUISITION, Technical Gazzete (IF 2011=0.35), ISSN 1330-3651, UDC 629.33.018:681.5, Vol.19, No.2 (2012), page 201-210.
3	Popovic Vladimir, Damjanovic Milanko, Blagojevic Ivan, Simovic Sreten: TECHNICAL REGULATIONS AND CONDITIONS FOR IMPORTING PASSENGER VEHICLES ON THE TERRITORY OF SOUTHEAST EUROPE, FME TRANSACTIONS (ISSN 1451-2092), 39(2011)3, page 105-116.
4	Blagojevic Ivan, Vorotovic Goran: THE POSSIBILITES FOR ACQUISITION AND USAGE OF DATA CONCERNING A LARGE NUMBER OF VEHICLES FUNCTIONING, IN REAL TERMS OF EXPLOITATION USING OBD TECHNOLOGY; Conference "Virtual Product Development in Automotive Engineering", Technical University Graz, Graz, Austria, 2004.
5	Blagojevic Ivan, Vorotovic Goran, Ivanovic Gradimir, Jankovic Slobodan: MODEL FOR MULTIPARAMETRIC GEAR SHIFTING OPTIMIZATION IN MOTOR VEHICLE - Prototype, new method, software (Technical solution no. 157/3 dated 22.04.2010. Faculty of Mechanical Engineering Belgrade)
6	Blagojevic Ivan, Vorotovic Goran, Ivanovic Gradimir, Vladinir Popoviv, Sasa Mitic: EXPERIMENTAL MONITORING AND ANALYSIS OF MOTOR VEHICLE FUEL CONSUPMTIPN IN REAL CONDITIONS OF EXPLOITATION USING OBD TECHNOLOGY (Technical solution no. 156/3 dated 22.04.2010. Faculty of Mechanical Engineering Belgrade)
7	Mitic S., Rakicevic B., Blagojevic I.: NUMERICAL AND EXPERIMENTAL DEFINING OF VEHICLE SUPERSTRUCTURE PLASTIC HINGE DEFORMATION ENERGY, 2nd International Congress of Serbian Society of Mechanics – IconSSM 2009; Proceedings ISBN 978-86-7892-173-5, p. 1-7, Palic (Subotica), Serbia, 2009.
8	Ivanovic Gradimir, Vorotovic Goran, Blagojevic Ivan: SOFTWARE MANAGEMENT INFORMATION SYSTEM FOR VEHICLE MAINTENANCE IN SECRETARIAT OF INTERNAL AFFAIRS IN BELGRADE, Ministry of Internal Affairs, 2002.-2003. Belgarde
9	Tica Slaven, Blagojevic Ivan, Vorotovic Goran: FORECASTS AND REALITIES OF DOMESTIC VEHICLE INDUSTRY, Bulletin on maintenance of technical systems (ISSN 1451-7981), no. 6-2005, page 12-13 ;
10	

Summary of teacher's scientific, artistic or professional activities

The total number of citations	20	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the SCI (SSCI) journals	3	The number of international projects in which the teacher is currently engaged	

Advanced professional training

ADR Safety Advisor (14.11.2011. - Ljubljana, Slovenia)

Other information considered relevant

Has been a participant in 12 projects financed by the Ministry of science, author and co-author of 7 verified technical solution

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Buljak, V. Vladimir
Academic rank	Assistant Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade, Facutly of Mechanical Egnineering
Date of employment	1.4.2011.
Particular scientific (artistic) field	Strength of constructions

Academic career

	Date	Institution	Field
Promotion	10.1.2012.	University of Belgrade, Faculty of Mechanical Engineering	Strength of constructiojns
Ph.D. degree	24.4.2009.	Politecnico di Milano	Structural mechanics
Specialization			
M.Sc. degree	22.5.2005.	University of Belgrade, Faculty of Mechanical Engineering	Aeronautical engineering
B.Sc. degree	1.3.2001.	University of Belgrade, Faculty of Mechanical Engineering	Aeronautical engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Strength of Materials	B.Sc.
2	The base of the strenght of constructions	B.Sc.

Representative references (at least 5, no more than 10)

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
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, artistic or professional 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

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Vencl A. Aleksandar	
Academic rank		Associate Professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering	
Date of employment		17.09.2002.	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	14.06.2002.	University of Belgrade, Faculty of Mechanical Engineering	Engineering Materials and Welding
B.Sc. degree	25.09.1998.	University of Belgrade, Faculty of Mechanical Engineering	Thermal Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Friction and Wear of Materials	B.Sc.
2	Tribology	B.Sc.
3	Tribotechnique	B.Sc.
4	Final course with a report (B.Sc. work)	B.Sc.
5	Tribology	M.Sc.
6	Tribotechnique	M.Sc.
7	Tribological systems	M.Sc.
8	Master (M.Sc.) thesis (Diploma work)	M.Sc.
9	Surface Engineering	Ph.D.
10	Lubrication Theories	Ph.D.
11	Failure Diagnostic	Ph.D.

Representative references (at least 5, no more than 10)

1	Vencl A., Bobić I., Mišković Z., Effect of thixocasting and heat treatment on the tribological properties of hypoeutectic Al-Si alloy, Wear, 264, 7-8, 2008, 616-623
2	Vencl A., Bobić I., Jovanović M.T., Babić M., Mitrović S., Microstructural and tribological properties of A356 Al-Si alloy reinforced with Al_2O_3 particles, Tribology Letters, 32, 3, 2008, 159-170
3	Vencl 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, 40, 2, 2009, 398-405
4	Vencl A., Manić N., Popovic V., Mrdak M., Possibility of the abrasive wear resistance determination with scratch tester, Tribology Letters, 37, 3, 2010, 591-604
5	Vencl A., Bobic I., Arostegui S., Bobic B., Marinković A., Babić M., Structural, mechanical and tribological properties of A356 aluminium alloy reinforced with Al_2O_3, SiC and SiC + graphite particles, Journal of Alloys and Compounds, 506, 2, 2010, 631-639
6	Vencl 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, Tribology International, 44, 11, 2011, 1281-1288
7	Babic M., Vencl A., Mitrović S., Bobić I., Influence of T4 heat treatment on tribological behavior of ZA27 alloy under lubricated sliding condition, Tribology Letters, 36, 2, 2009, 125-134
8	Zivic F., Babic M., Mitrovic S., Vencl A., Continuous control as alternative route for wear monitoring by measuring penetration depth during linear reciprocating sliding of Ti6Al4V alloy, Journal of Alloys and Compounds, 509, 19, 2011, 5748-5754
9	Rac A., Vencl A., Performance investigation of chain saw lubricants based on new sunflower oil (NSO), Tribologie und Schmierungstechnik, 56, 3, 2009, 51-54
10	Rac A., Vencl A., Sliding Bearing Metallic Materials – Mechanical and Tribological Properties, Faculty of Mechanical Engineering, Belgrade, 2004 – Monograph (in Serbian)

Summary of teacher's scientific, artistic or professional 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 SCI (SSCI) journals	12	The number of international projects in which the teacher is currently engaged	2

Advanced professional training

Other information considered relevant

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; i10-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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Gojak D. Milan	
Academic rank		assistant professor	
Name of the institution where the		Belgrade University - Faculty of Mechanical Engineering	
Date of employment		01.09.1987.	
Particular scientific (artistic) field		Thermomechanics	
Academic career			
	Date	Institution	Field
Promotion	06.07.2009.	Faculty of Mechanical Engineering-Belgrade University	Thermomechanics
Ph.D. degree	19.11.2008.	Faculty of Mechanical Engineering-Belgrade University	Thermomechanics
Specialization			
M.Sc. degree	27.06.1990.	Faculty of Mechanical Engineering-Belgrade University	Thermomechanics
B.Sc. degree	26.11.1984.	Faculty of Mechanical Engineering-Belgrade University	Thermomechanics

The list of courses taught

No.	Title of the course	Level of studies
1	Thermodynamics B	Undergraduate academic studies
2	Thermodynamics M	Master academic studies
3	Heat Transfer	Master academic studies
4	Thermodynamics of complex systems	Doctoral academic studies
5	Transport Phenomena and Analogies	Doctoral academic studies

Representative references (at least 5, no more than 10)

1	Voronjec D., Gojak M.: Entropic analysis of regenerative Rankine-Clausiuss cycle, pp. 53-60, In monographie " Turbomachinery, heating and cooling", Faculty of Mechanical Engineering-Belgrade, 1992. (In Serbian)
2	Gojak M., Vasiljević B., Banjac M. : Momentum and heat transfer in gas-liquid bubble flow in vertical pipes, Proceedinds of The First European Congress on Chemical Engineering ECCE1, Vol. 3, pp. 1885-1888, Florence, Italy, May 4-7, 1997.
3	Gojak M., Voronjec D., Koldzić G., Kosi F.: Coupling of solar collector and heat-pump in drying system, 12th International Congres of Chemical and Process Engineering CHISA'96, 25-30 August 1996, P1.15 (335), Praha, Czech Republic.
4	Gojak M., Jaćimović B.: Prediction of the multicomponent micture composition along two trayed interconnected distillation columns, 10th International Congres of Chemical Engineering, Chemical Equipment Design and Automation CHISA'90, 26-31 August 1990, C6.48-1699, Praha, Czechoslovakia.
5	Gojak M., Ilić S. : Simultaneous condensing and freezing on a horizontal plate, 13th International Congres of Chemical and Process Engineering CHISA'98, 23-28 August 1998, P1.130 (695), Praha, Czech Republic.
6	Gojak M., Božović M.: Thermodynamic analysis of thermal energy storage systems, 625-th Event of The European Federation of Chem. Engng., HUN-PRA-PARTEC, 21-24 August 2001, Budapest, Hungary.
7	Gojak M., Vasiljević B.: Modelling momentum and heat transfer processes in two-phase bubble flow, 12th International Congres of Chemical and Process Engineering CHISA'96, 25-30 August 1996, P7.129 (336), Praha, Czech Republic.
8	Gojak M., Saljnikov A., Komatina M.: Development of bubbly gas-liquid flow - computer simulation, Proceedings IT Conference YU INFO 2009, Kopaonik, Serbia. (In Serbian)
9	Saljnikov A., Komatina M., Manović V., Gojak M., Goričanec D.: Investigation on thermal radiation spectra of coal ash deposits, International Journal of Heat and Mass Transfer ,Vol 52, 2009, pp. 2871-2884.

Summary of teacher's scientific, artistic or professional activities

The total number of	3	The number of national projects in which the teacher is	1
The total number of	2	The number of international projects in which the	1

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Dinulovic, R, Mirko
Academic rank	Assistant Professor
Name of the institution where the teacher works on a full-time basis	Faculty of mechanical engineering, University of Belgrade
Date of employment	06.07.2009
Particular scientific (artistic) field	aerospace engineering

Academic career

	Date	Institution	Field
Promotion	06.07.2009	Faculty of mechanical engineering, University of Belgrade	aerospace engineering
Ph.D. degree	26.11.2008	Faculty of mechanical engineering, University of Belgrade	aerospace engineering
Specialization	22.03.2004	Faculty of oganisational sciences, University of Belgrade	computer engineering
M.Sc. degree	28.05.1999	Concordia University, Montreal, Canada	aerospace engineering
	12.11.1999	,validated by Faculty of mechanical engineering, University of Belgrade	
B.Sc. degree	27.04.1993	Faculty of mechanical engineering, University of Belgrade	aerospace engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Theory of elasticity	B.Sc.
2	aerospace engineering fundamenals	B.Sc.
3	Stuctural analysis of flying vehicles	B.Sc.
4	Light and composite structures	B.Sc.
5	Structural analysis	M.Sc.
6	Composite structures	M.Sc.
7	Aeroelasticity	M.Sc.
8	Selected topis in aeroelasticity	Ph.D.
9	Selected topis in structural analysis of flying vehicles	Ph.D.

Representative references (at least 5, no more than 10)

1	Dielectric modeling of multiphase composites,Composite Structures,93 (2011) 3209–3215
2	Laser beam effects on Cu and Ti in vacuum and in the air,Vacuum/volume 47/number 12
3	Analiza naponsko-deformacionog stanja na slobodnim ivicama kompozitnih laminata,TEHNIKA 1/2010
4	Dynamic analysis of modified composite helicopter blade, FME transactions, Vol 40, No 2
5	Dielectric Properties Modeling of Composite Materials, FME Transactions,VOL. 37, No 3
6	Free-Edge Stresses In Composite Laminates Under Mechanical Loading, ICCM 18
7	Delamination analysis at free edges of [+θ/-θ]s composite laminates, ICCE19
8	Harmonization of new wind turbine rotor blades development process, ICCS16
9	Constructions And Calculations Related To Non-Conventional Ecological Approaches For Earth And Space, Machine Design 2010
10	Delamination Analysis Of Tapered Composite Panels With Sandwich Core, Mechanics of Nano, Micro and Macro Composite Structures

Summary of teacher's scientific, artistic or professional activities

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

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Doder J. Dragan	
Academic rank		assistant professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of mechanical engineering	
Date of employment		26.1.2004.	
Particular scientific (artistic) field		Mathematics	
Academic career			
	Date	Institution	Field
Promotion	7.5.2012.	University of Belgrade, Faculty of mechanical engineering	Mathematics
Ph.D. degree	11.11.2011.	University of Belgrade, Faculty of mathematics	Mathematical logic
Specialization			
M.Sc. degree	24.9.2008.	University of Belgrade, Faculty of mathematics	Mathematical logic
B.Sc. degree	23.10.2003.	University of Belgrade, Faculty of mathematics	Mathematics

The list of courses taught

No.	Title of the course	Level of studies
1	Mathematics 1	undergraduate
2	Mathematics 2	undergraduate

Representative references (at least 5, no more than 10)

1	Dragan Doder, Miodrag Rašković, Zoran Marković, Zoran Ognjanović, Measures of inconsistency and defaults, International Journal of Approximate Reasoning 51, 832-845, 2010.
2	Dragan Doder, Zoran Ognjanović, Zoran Marković, An Axiomatization of a First-order Branching Time Temporal Logic, Journal of Universal Computer Science, vol. 16, no. 11, 1439-1451, 2010.
3	Dragan Doder, Zoran Marković, Zoran Ognjanović, Aleksandar Perović, Miodrag Rašković, A Probabilistic Temporal Logic That Can Model Reasoning about Evidence, FoIKS, Springer LNCS, volume 5956, 9-24, 2010.
4	Dragan Doder, Bojan Marinković, Petar Maksimović, Aleksandar Perović, A Logic with Conditional Probability Operators, Publications de L'Institute Matematique, ns. 87(101), 85-96, 2010.
5	Dragan Doder, Aleksandar Perović, Zoran Ognjanović, Probabilistic Approach to Nonmonotonic Consequence Relations, ECSQARU, Springer LNAI, volume 6717, 459-471, 2011.
6	Dragan Doder, Zoran Ognjanović, Zoran Marković, A Branching Time Logic with Two Types of Probability Operators, SUM, Springer LNCS, volume 6929, 219-232, 2011.
7	Dragan Doder, A Logic With Big-Stepped Probabilities that can Model Nonmonotonic Reasoning of System P, Publications de L'Institute Matematique, ns. 90(104), 13-22, 2011.
8	Žarko Mijajlović, Dragan Doder, Angelina Ilić-Stepić, Borel Sets and Countable Models, Publications de L'Institute Matematique, ns. 90(104), 1-11, 2011.
9	Zoran Ognjanović, Zoran Marković, Miodrag Rašković, Dragan Doder, Aleksandar Perović, A Probabilistic Temporal Logic That Can Model Reasoning about Evidence, Annals of Mathematics and Artificial Intelligence, Vol. 65, Nr. 2-3, 217-243, 2012.
10	John Grant, Dragan Doder, Zoran Ognjanović, Probabilistic logics for objects located in space and time, Journal of Logic and Computation, DOI:10.1093/logcom/exs054

Summary of teacher's scientific, artistic or professional 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	4	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Elek M. Predrag	
Academic rank		Assistant professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade - Faculty of Mechanical Engineering	
Date of employment		15.06.2002.	
Particular scientific (artistic) field		Military mechanical engineering - weapon systems	
Academic career			
	Date	Institution	Field
Promotion	13.03.2009.	University of Belgrade - Faculty of Mechanical Engineering	Weapon systems
Ph.D. degree	22.10.2008.	University of Belgrade - Faculty of Mechanical Engineering	Weapon systems
Specialization			
M.Sc. degree	04.09.2002.	University of Belgrade - Faculty of Mechanical Engineering	Military mechanical engineering
B.Sc. degree	22.10.1998.	University of Belgrade - Faculty of Mechanical Engineering	Military mechanical engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Introduction to Weapon Systems	B.Sc.
2	Fundamentals of Weapon System Design	B.Sc.
3	Fundamentals of Projectiles Propulsion	B.Sc.
4	Physics of Explosive Processes	M.Sc.
5	Missile Propulsion	M.Sc.
6	Projectile Design	M.Sc.
7	Terminal Ballistics	M.Sc.
8	Flight Dynamics of Projectiles	M.Sc.
9	Selected Topics of Terminal Ballistics	Ph.D.
10	Propusion of Projectiles	Ph.D.
11	Explosive Aplications	Ph.D.

Representative references (at least 5, no more than 10)

1	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
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, June 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	Elek, P., Jaramaz, S.: Modeling of fragmentation of rapidly expanding cylinders, Theoretical and Applied Mechanics, Vol. 32, No. 2, (2005), 113-130
6	Elek, P., Jaramaz, S., Micković: Fragmentation of HE warhead case: Fragment mass distribution laws and physically based fragmentation models, Cumulative scientific-technical information, Military Technical Institute, Belgrade, No. 2, 2011, ISSN 1820-3418 (in Serbian)
7	Elek, P., Jaramaz, S.: Fragment mass distribution of naturally fragmenting warheads, FME Transactions, Vol. 37, No. 3, 2009, 129-135
8	Elek, P., Jaramaz, S.: Fragment size distribution in dynamic fragmentation: Geometric probability approach, FME Transactions, Vol. 36, No. 2, 2008, 59-65
9	Elek, P., Jaramaz, S.: Size distribution of fragments generated by detonation of fragmenting warheads, 23rd International Symposium on Ballistics, Tarragona, Spain, April 2007, pp. 153-160
10	Elek, P., Džingalašević, V., Jaramaz, S., Micković, D.: Cylinder test: Analytical nad numerical modeling, 4th International Scientific Conference on Defensive Technologies – OTEH 2011, Belgrade, 6-7 October, 2011, ISBN 978-86-81123-50-8, 324-330

Summary of teacher's scientific, artistic or professional activities

The total number of citations	20	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	4	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Živanović T. Saša
Academic rank	assistant professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade Faculty of Mechanical Engineering
Date of employment	31.1.1995.
Particular scientific (artistic) field	Production Engineering
Academic career	

	Date	Institution	Field
Promotion	07.03.2011.	University of Belgrade Faculty of Mechanical Engineering	Production Engineering
Ph.D. degree	16.7.2010.	University of Belgrade Faculty of Mechanical Engineering	Production Engineering
Specialization			
M.Sc. degree	24.7.2000.	University of Belgrade Faculty of Mechanical Engineering	Production Engineering
B.Sc. degree	17.02.1995.	University of Belgrade Faculty of Mechanical Engineering	Production Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Machine Tools	B.Sc.
2	Manufacturing Technology	B.Sc.
3	Shipbuilding Technology	B.Sc.
4	New generation of machine tools and robots	M.Sc.
5	Machine Tools - M	M.Sc.
6	Skill praxis M – PRO	M.Sc.

Representative references (at least 5, no more than 10)

1	Zivanovic, S., Parallel Kinematic Machines, International Journal of Production Engineering and Computers, Volume 3, Number 3, pp.49-54, 2000.
2	D. Milutinovic, M. Glavonjic, V. Kvrgic, S. Zivanovic, A New 3-DOF Spatial Parallel Mechanism for Milling Machines with Long X Travel, pp. 345-348, Annals of the Vol54/1, CIRP 2005. doi:10.1016/S0007-8506(07)60119-X (SCI)
3	Glavonjic, M., Milutinovic, D., Zivanovic, S., Bouzakis, K., Mitsi, S., Misopolinos, L., Development of a Parallel Kinematic device Integrated into a 3-axis Milling centre, Proceedings of 2nd Interanational Conference on Manufacturing Engineering ICMEN and EUREKA Brokerage Event, pp.351-361, Kassandra-Chalkidiki, Greece, october, 2005.
4	Ranđelović, S., Živanović, S., CAD-CAM Data Transfer as a Part of Product Life Cycle, Facta Universitatis, UDC 681.31: 65.012, Series: Mechanical Engineering Vol 5, No 1, 2007, pp 87-96 ISSN 0354-2025
5	Milutinovic, D., Glavonjic, M., Zivanovic, S., Dimic, Z., Kvrgic, V., Mini educational 3-axis parallel kinematic milling machine, Proceedings of 3rd Interanational Conference on Manufacturing Engineering ICMEN and EUREKA Brokerage Event, pp.463-474, Kallithea of Chalkidiki, Greece, 1-3 october, 2008. ISBN 978-960-243-649-3
6	Glavonjic, M., Milutinovic, D., Zivanovic, S., Functional simulator of 3-axis parallel kinematic milling machine, International Journal of Advanced Manufacturing Technology, Volume 42, Issue7 (2009), pp 813-821 doi:10.1007/s00170-008-1643-x (SCI)
7	Zivanovic, S., Glavonjic, M., Dimic, Z., Methodology for Configuring Desktop 3-axis Parallel Kinematic Machine, Faculty of Mechanical Engineering, Belgrade, FME Transactions Volume 37, No 3 (2009), pp. 107-115
8	Glavonjic, M., Milutinovic, D., Zivanovic, S., Dimic, Z., Kvrgic, V., Desktop 3-axis parallel kinematic milling machine, International Journal of Advanced Manufacturing Technology, Volume 46, (2010), pp 51-60 doi: 10.1007/s00170-009-2070-3 (SCI)
9	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, Volume 53, (2011), No 9-12, ISSN 0268-3768, pp 1217-1229 doi: 10.1007/s00170-010-2888-8 (SCI)
10	Živanović S., Development of educational parallel kinematic machine, Monograph, Zaduzbina Andrejevic, University of Belgrade Faculty of Mechanical Engineering, ISSN 1450-801X, ISBN 978-86-525-0019-2, Apollo Graphic Production, Belgrade, 2012.

Summary of teacher's scientific, artistic or professional activities			
The total number of citations	10	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	4	The number of international projects in which the teacher is currently engaged	0
Advanced professional training			
Other information considered relevant			

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Jakovljevic, B, Zivana	
Academic rank		assistant professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		01.01.2001	
Particular scientific (artistic) 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
Specialization			
M.Sc. degree	01.10.2004.	Faculty of Mechanical Engineering, University of Belgrade	Production Engineering
B.Sc. degree	14.09.1999.	Faculty of Mechanical Engineering, University of Belgrade	Production Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Computer Graphics	B.Sc.
2	Computer Simulation in Manufacturing Automation	M.Sc.

Representative references (at least 5, no more than 10)

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., Ćirović, 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 intopoly(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	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
8	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
9	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
10	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

Summary of teacher's scientific, artistic or professional activities

The total number of citations	41 (without auto-citation); 68 (with auto-citation) - scopus	The number of national projects in which the teacher is currently engaged	3
The total number of papers published in the SCI (SSCI) journals	8	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Lazovic, M., Tatjana
Academic rank	assistant professor
Name of the institution where the teacher works on a full-time basis	Faculty of Mechanical Engineering, University of Belgrade
Date of employment	01.07.1995.
Particular scientific (artistic) field	Machine design

Academic career

	Date	Institution	Field
Promotion	14.11.2008.	Faculty of Mechanical Eng., University of Belgrade	Machine design
Ph.D. degree	29.02.2008.	Faculty of Mechanical Eng., University of Belgrade	Machine design
Specialization			
M.Sc. degree	26.05.2000.	Faculty of Mechanical Eng., University of Belgrade	Machine design
B.Sc. degree	30.03.1990.	Moscow State Technical University STANKIN	Manufacturing

The list of courses taught

No.	Title of the course	Level of studies
1	Machine elements 1	B.Sc.
2	Machine elements 2	B.Sc.
3	Machine elements failure analysis	B.Sc.
4	Failures of technical systems	M.Sc.
5	Selected chapters in Machine elements V	Ph.D.
6	Tribology of machine elements	Ph.D.

Representative references (at least 5, no more than 10)

1	Lazović, T., Mitrović, R., Ristivojević, M.: Influence of internal radial clearance on the ball bearing service life, Journal of the Balkan Tribological Association, Vol.16, №1, 2010, 1-8, ISSN 1310-4772
2	Lazovic, T., Ristivojevic, M., Mitrovic, R.: Mathematical model of load distribution in rolling bearing, FME Transactions, Vol.36, №4, 2008, 189-196, ISSN 1451-2092
3	Ristivojevic, M., Mitrovic, R., Lazovic, T.: Investigation of causes of fan shaft failure, Engineering Failure Analysis, Vol.17, №5, 2010, 1188-1194, ISSN1350-6307
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, №7-8, 2010, 1560-1571, ISSN1350-6307
5	Ristivojevic, M., Lazovic, T., Vencl, A.: Studying the load carrying capacity of spur gear tooth flanks, Mechanism and Mashine Theory, Vol.59, 2013, 125-137, ISSN 0094-114X
6	Markovic, S., Milovic, LJ., Marinkovic, A., Lazovic, T.: Tribological aspects of selecting filler metal for repair surfacing of gears by hardfacing, Structural Integrity and Life, Vol. 11, No. 2, 2011, 127-130, ISSN 1451-3749
7	Lazovic, T., Marinkovic, A., Markovic, S.:A Mathematical background of U-joint repair, Proceedings of 7th Vienna International Conference on Mathematical Modelling – MATHMOD 2012, Vienna, Austria, 15-17 February, 2012
8	Lazovic, T., Marinkovic, A., Markovic, S.:A case study of turbogenerator journal bearing failure, Proceedings of 7th International Confrerence on Tribology – BALKANTRIB'11, Thessaloniki, Greece, 3-5 October, 2011, 227-234, ISBN 978-960-98780-6-7
9	Lazovic, T., Trisovic, N., Milovic, LJ.: Modelling interaction between worn surface and abrasive particle based on their goemetry and material properties, Book of abstracts of 2nd International Conference on Material Modelling, ICMM2, Paris, France, 31 August – 2 September, 2011, 261, ISBN 978-2-911256-61-5
10	Lazovic, T., Markovic, S., Trisovic, N.: Regeneration of worn out universal joint – a dimensional analysis, Proceedings of 3rd European conference on Tribology – ECOTRIB'11, Vienna, Austria, 7-9 June, 2011, 745-746, ISBN 978-3-901657-38-2

Summary of teacher's scientific, artistic or professional 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 SCI (SSCI) journals	4	The number of international projects in which the teacher is currently engaged	

Advanced professional training

Other information considered relevant

Coauthor and lecturer at professional development seminars: 1. "Rolling bearings maintenance", lecture "Rolling bearings failures analysis", seminar for industry engineers. 2. "Machine elements, design and testing", lecture "Rolling bearings service life", seminar for technical schools teachers. 3. "Methodology of machine elements calculation", lecture "Calculation under dynamic condition", seminar for technical schools teachers.

Lecturer in the frame of mobility CEEPUS program (Central European Exchange Program for University Studies) at universities: 1. Technical University Liberec, Czech Republic. 2. Slovac Technical University Bratislava, Faculty of Mechanical Engineering and Faculty of Electrical Engineering, Slovakia. 3. Eftimie Murgu University Resita, Faculty of Engineering, Romania. 4. University of Banja Luka, Faculty of Mechanical University, Bosnia and Hercegovina.

Member of commissions for Machine safety and Technical drawing in Serbian Institute for standardization

Member of Serbian tribological society and EURASEM - European society for experimental mechanics

Coauthor of the book Machine elements for technical schools

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Milićev S. Snežana	
Academic rank		Assistant Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment		1st November 1993.	
Particular scientific (artistic) field		Fluid Mechanics	
Academic career			
	Date	Institution	Field
Promotion	4th June 2012	Faculty of Mechanical Engineering, University of Belgrade	Fluid Mechanics
Ph.D. degree	13th Dec 2011	Faculty of Mechanical Engineering, University of Belgrade	Fluid Mechanics
Specialization			
M.Sc. degree	8th Sep 1999	Faculty of Mechanical Engineering, University of Belgrade	Fluid Mechanics
B.Sc. degree	15th Oct 1993	Faculty of Mechanical Engineering, University of Belgrade	Fluid Mechanics

The list of courses taught

No.	Title of the course	Level of studies
1	Fluid Mechanics B	B.Sc.
2	Fluid Mechanics M	M.Sc.
3	Biofluid Mechanics	M.Sc.
4	Microfluidics and Nanofluidics	M.Sc.
5	Gas Dynamics	M.Sc.
6	Microchannel Fluid Flow	Ph.D.
7	Mathematical Methods of Fluid Mechanics	Ph.D.
8	Water Waves	Ph.D.
9	Biofluid Mechanics – Advanced Course	Ph.D.

Representative references (at least 5, no more than 10)

1. Milićev, S., Pavlović, M., “Influence of Spike Shape at Supersonic Flow Past Blunt-Nosed Bodies”, AIAA Journal, Vol. 40, No. 5, May 2002, pp. 1018-1020
2. Milićev, S. S., Stevanović, D. N., “A Microbearing Gas Flow with Different Walls’ Temperatures”, Thermal Science, ISSN 0354-9836, DOI: 10.2298/TSCI110804086M, Vol. 16, No. 1, 2012, pp. 119-132
3. Milićev, S., Stevanović, N., “A Constant Wall Temperature Microchannel Gas Flow”, Proceedings of the 1st European Conference on Microfluidics-Microfluidics, Bologna, 2008
4. Stevanović, N., Milićev, S., “Inertia Effect in Microbearing Gas Flow”, Proceedings of the 11th International Conference on Tribology, Serbiatrib ’09, Belgrade, 2009, pp. 202-208
5. Milićev, S. S., Stevanović, D. N., “A Different Walls Temperature Couette Slip Gas Flow”, Proceedings of the 3rd International Symposium Contemporary Problems of Fluid Mechanics, Belgrade, 2011, pp. 129-138
6. Milićev S. S., Pavlović D. M., Vitić A., Ristić S., Experimental Study of the Influence of Spike Shape Axisymmetric Flow Past Bodies, Proceedings of the 23rd Yugoslav Congress of Theoretical and Applied Mechanics, 2001, pp. 261-264
7. Milićev S., Ristić S., Vitić A., “Experimental Study of the Influence of Spike Shape on Aerodynamic Characteristics of the Rocket”, Scientific Technical Review, Vol. 49, No. 6, 1999, pp 33-38
8. Ristić S., Milićev S., Vitić A., “Experimental Investigations of the Influence of Spike on the Aerodynamic Characteristics of the Blunt Body”, Tehnička dijagnostika, br. 3-4, 2004, pp. 17-25
9. Milićev, S., Pavlović, M., Ristić, S., Vitić, A., “On the Influence of Spike Shape at Supersonic Flow Past Blunt Bodies”, Facta Universitatis, Series: Mechanics, Automatic Control and Robotics, Vol. 3, No. 12, 2002, pp. 371-382
10. Stevanović, D. N., Milićev, S. S., “A Constant Wall Temperature Microbearing Gas Flow”, FME Transactions, Vol. 38, No. 2, 2010

Summary of teacher's scientific, artistic or professional activities

The total number of citations	20	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	2	The number of international projects in which the teacher is currently engaged	0

Advanced professional training

CISM, Summer School of Fluid Mechanics, Udine 2002

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Mirjana Misita	
Academic rank		Associate professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Enigneering University of Belgrade	
Date of employment		1.2.1995.	
Particular scientific (artistic) field		Industrial Engineering	
Academic career			
	Date	Institution	Field
Promotion	19.11.2012.	Faculty of Mechanical Enigneering University of Belgrade	Industrial Engineering
Ph.D. degree	15.6. 2007.	Faculty of Mechanical Enigneering University of Belgrade	Industrial Engineering
Specialization			
M.Sc. degree	25.5.2001.	Faculty of Mechanical Enigneering University of Belgrade	Industrial Engineering
B.Sc. degree	24.9.1994.	Faculty of Mechanical Enigneering University of Belgrade	Industrial Engineering

Industrial Engineering

No.	Title of the course	Level of studies
1	Management of Prodution Processes	BS
2	Industrial Engineering Professional Practice B	BS
3	Management Information Systems	MSC
4	Database Systems	MSC
5	Industrial Engineering Professional Practice M	MSC
6	Theory of Decisions	DS
7	Information Management	DS
8	Risk Management	DS
9	Modern Concepts of Organization	DS

Representative references (at least 5, no more than 10)

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 assesss 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., TadicD., 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 metalworing 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

Summary of teacher's scientific, artistic or professional activities

The total number of citations	4	The number of national projects in which the teacher is currently engaged	1
The total number of 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, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Pavlović P. Vera	
Academic rank		Assistant Professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, University of Belgrade	
Date of employment			
Particular scientific (artistic) field		Physics	
Academic career			
	Date	Institution	Field
Promotion	18. 6. 2012.	Faculty of Mechanical Engineering, University of Belgrade	Physics;
Ph.D. degree	15.12. 2011.	Faculty of Physics, University of Belgrade	Physics; Physics of Condensed Matter
Specialization			
M.Sc. degree	18. 2. 2003.	University of Belgrade, Center for Multidisciplinary Studies	Materials Science
B.Sc. degree	25.1.1996.	Faculty of Physics, University of Belgrade	Physics;

The list of courses taught

No.	Title of the course	Level of studies
1	Physics and Measurements	BSc Studies

Representative references (at least 5, no more than 10)

1	V. P. Pavlović, J. Krstić, M. J. Šćepanović, J. Dojčilović, D. M. Minić, J. Blanuša, S. Stevanović, V. Mitić, V. B. Pavlović, ”Structural Investigation of Nanocrystalline BaTiO3 Powders”, Ceramics International 37 (2011) pp. 2513-2518
2	V. P. Pavlović, D. Popović, J. Krstić, J. Dojčilović, B. Babić, V. B. Pavlović, ”Influence of Mechanical Activation on the Structure of Ultrafine BaTiO3 powders”, Journal of Alloys and Compounds 486 (2009) pp.633-639
3	V. P. Pavlović, M. V. Nikolić, Z. Nikolić, G. Branković, Lj. Živković, V. B. Pavlović, M. M. Ristić, ”Microstructural evolution and electrical properties of mechanically activated BaTiO3 ceramics”, Journal of the European Ceramic Society, 27 (2007) pp.575-579
4	V. P. Pavlović, B. D. Stojanović, V. B. Pavlović, Z. Marinković-Stanojević, Lj. Živković, M. M. Ristić, ”Synthesis of BaTiO3 from a Mechanically Activated BaCO3-TiO2 System”, Science of Sintering 40 No1 (2008) pp. 21–26
5	M. V. Nikolić, V. P. Pavlović, V. B. Pavlović, M. M. Ristić, ”Analysis of Early Stage Sintering Mechanisms of Mechanically Activated BaTiO3”, Science of Sintering, 38 No3 (2006) pp.239-245
6	V. P. Pavlović, M. V. Nikolić, V. Spasojević, J. Blanuša, Lj. Živković, B. D. Stojanović, V. B. Pavlović, M. M. Ristić, ”The Influence of Tribophysical Activation on Non-Isothermal Sintering of BaTiO3 Ceramics”, Materials Science Forum, Vols. 514-516 (2006) pp.1566-1570
7	V. P. Pavlović, M. V. Nikolić, V. B. Pavlović, N. Labus, Lj. Živković, B. D. Stojanović, “Correlation Between Densification Rate and Microstructure Evolution of Mechanically Activated BaTiO3”, Ferroelectrics, Vol. 319 (2005) pp.75-85
8	M. V. Nikolić, V. P. Pavlović, V. B. Pavlović, N. Labus, B. D. Stojanović, “Application of the Master Sintering Curve Theory to Nonisothermal Sintering of BaTiO3 Ceramics”, Materials Science Forum, Vol. 494 (2005) pp.417-422
9	B. D. Stojanović, C.R.Fochini, V.B.Pavlović, V.P.Pavlović, V.Pejović, J.A.Varela, “Barium titanate screen-printed films”, Ceramics International 28 (2002) pp.293-298
10	B. D. Stojanović, V.B.Pavlović, V.P.Pavlović, S.Đurić, B.A.Marinković, M.M.Ristić, “Dielectric Properties of Barium-titanate Sintered from Tribophysically Activated Powders”, J.Europ.Ceram.Soc. 19 (1999) pp.1081-1083

Summary of teacher's scientific, artistic or professional activities

The total number of citations	59 citations in the SCI (SSCI) journals	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	14	The number of international projects in which the teacher is currently engaged	

Advanced professional training
Other information considered relevant
Engagement in 3 national scientific projects; Engagement in TEMPUS Project CD_JEP-16123-2001: UCL- London (framework programme of modernisation of Physics Teaching at the Universities in South Eastern Europe) in the period from April 2002. - April 2005.
Two coauthored patents, which are verified by The Intellectual Property Office of the Republic of Serbia (Patent No 49501 and Patent No 49502); category of patents: M92 (according to classification established by the Ministry of Education, Science and Technological Development of the Republic of Serbia).
Six authored or coauthored articles in conference proceedings;
Coauthored textbook for students " Solved Problems in Physics", Faculty of Mechanical Engineering, University of Belgrade, 2009, ISBN 978-86-7083-671-6
Golden medal (2000.) and Special plaque with golden medal (2002.) of Belgrade Association of Inventors and Authors of Technical Improvements - Belgrade Inventors Exhibitions 2000. and 2002.

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Petrović B. Nebojša	
Academic rank		Associate Professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanical Engineering-Belgrade	
Date of employment		02.10.1989.	
Particular scientific (artistic) field		Engineering - Aviation	
Academic career			
	Date	Institution	Field
Promotion	15.09.2012.	Faculty of Mechanical Engineering-Belgrade	Aviation
Ph.D. degree	02.12.1997.	Faculty of Mechanical Engineering-Belgrade	Aviation
Specialization	03.09. 1993.	Faculty of Mechanical Engineering-Belgrade	Aviation
M.Sc. degree	03.06.1986.	Faculty of Mechanical Engineering-Belgrade	Aero-space techniques
B.Sc. degree			

The list of courses taught

No.	Title of the course	Level of studies
1	Aircraft propulsion and systems	Undergraduate academic studies
2	Skill praxis B - AV	Undergraduate academic studies
3	Fundamentals of aerotechnics	Undergraduate academic studies
4	Aircraft control and systems	Master academic studies
5	Avionics	Master academic studies
6	Project Management & Air Regulation	Master academic studies
7	Integration of smart actuators and sensors	Doctoral academic studies
8	Aircraft systems and equipment integration	Doctoral academic studies

Representative references (at least 5, no more than 10)

1	Н. Петровић, ИНЕЛИГЕНТНИ ПИЕЗОАКТУОРИ, МФ Београд 2003,ISBN 86-7083-458-8
2	Janković J., Petrović N....., COMPUTER SIMULATION OF FAST HYDRAULIC ACTUATORS, Iranian Journal of Science and Technology. Transaction B: Engineering, Vol. 36, No. M1, pp 95-106, 2012, ISSN 1028-6284
3	Popkonstatinović B., Petrović N...., PRACTICAL METHOD FOR THERMAL COMPENSATION OF LONG-PERIOD COMPOUND PENDULUM, Indian Journal of Pure and Applied Physics, Vol. 49, No.10,pp.657-664,2011,ISSN00195596
4	Č.Mitrović,A.Bengin,N.Petrović and J.Janković, Mechanical Engineering, InTech – Open Access PublisherMechanical 2012,ISBN 978-953-51-0505-3,Part 3,Chapter18,Aeronautical Engineering pp 401-442
5	Janković J., Petrović N., Mitrović Č., CONTROL SYSTEM MODELING OF HYDRAULIC ACTUATOR WITH COMPRESSIBLE FLUID FLOW, FME Transactions, Vol. 40, No. 2, pp. 75-80, 2012,ISSN 1451-2092
6	Mitrović Č., Petrović N.., STRUCTURAL TESTING OF SMALL WIND TURBINE BLADE UP TO FAILURE, 3. International Conference on Innovative Technologies, Bratislava, Slovakia, 01.09.-03.09.2011., Proceedings pp. 387-390, ISBN 978-80-904502-6-4
7	Комаров Д., Ступар С., Симоновић А., Петровић Н., Сворцан Ј., НУМЕРИЧКА СИМУЛАЦИЈА УНУТАР КОРЕНОГ ДЕЛА ИНДУСТРИЈСКОГ ДИМЉАКА СА ВИШЕ ДИМОВНИХ КАНАЛА,28. Међународно саветовање ЕНЕРГЕТИКА 2012,Златибор,март 2012., ISSN 0354-8651
8	Петровић Н., Јанковић Ј.:АНАЛИЗЕ СИГУРНОСТИ И ПОУЗДАНОСТИ АВИОНСКИХ СИСТЕМА, XXXII Научно стручни скуп ОДРЖАВАЊЕ МАШИНА И ОПРЕМЕ, Будва,јун2007, ISBN 86-84231-10-4
9	Митровић Ч.,Бекрић Д., Петровић Н.,Радојевић С.:РЕЛЕВАНТНОСТ ЉУДСКИХ ФАКТОРА У ВАЗДУХОПЛОВСТВУ, XXXII Научно стручни скуп ОДРЖАВАЊЕ МАШИНА И ОПРЕМЕ, Будва,јун2007,страна 209-220, ISBN 86-84231-10-4
10	Ступар С., Петровић Н., Тривковић С., Јаковљевић С., МОГУЋА ПРИМЕНА АВИОНА У ПОВЕЋАЊУ ХИДРОАКОМУЛАЦИОНОГ ПОТЕНЦИЈАЛА, ЕЕЕ ЕНЕРГИЈА, бр. 4, стр.022-026, децембар 2010.,ISSN 0354-8641

Summary of teacher's scientific, artistic or professional activities

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

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Popović M. Vladimir
Academic rank	Assistant Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade, Faculty of Mechanical Engineering
Date of employment	01.09.1996
Particular scientific (artistic) field	Motor Vehicles

Academic career

	Date	Institution	Field
Promotion	15.04.2010	University of Belgrade, Faculty of Mechanical Engineering	Motor Vehicles
Ph.D. degree	03.05.2008	University of Belgrade, Faculty of Mechanical Engineering	Motor Vehicles
Specialization	-		
M.Sc. degree	10.07.2001	University of Belgrade, Faculty of Mechanical Engineering	Motor Vehicles
B.Sc. degree	22.05.1996	University of Belgrade, Faculty of Mechanical Engineering	Motor Vehicles

The list of courses taught

No.	Title of the course	Level of studies
1	Vehicle Performance	B.Sc.
2	Vehicle Safety	B.Sc.
3	Systems Engineering	M.Sc.
4	Vehicle Mechatronics	M.Sc.
5	Vehicle Testing	M.Sc.
6	Vehicles and Environment	M.Sc.
7	Vehicle Mechatronics - Special Chapters	Ph.D.
8	Vehicles Maintenance Management	Ph.D.

Representative references (at least 5, no more than 10)

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	Vencl 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., Vencl 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	Vasić B., Popović V.: ENGINEERING MANAGEMENT METHODS, Institute for Research and Design in Commerce & Industry, Belgrade, 2007. (p.120)
8	Vasić B., Todorović J., Curović D., Popović V., Stanojević N., Curović N.: MAINTENANCE OF TECHNICAL SYSTEMS, Institute for Research and Design in Commerce & Industry, Belgrade, 2006. (p.478)
9	"MASTER PLAN OF TRANSPORT FOR SERBIA" - a European Union project (number 05SER01/04/016), European Commission Delegation in the Republic of Serbia - project manager dr Antonello Pucci, local team coordinator professor dr Branko Vasić, 2008- 2009.

10	Popović V., Vasić B., Stanojević N.: OPTIONS FOR THE CHOICE OF MAINTENANCE CONCEPT USING RISK-DECISION FACTORS, 20th EuroMaintenance Congress,Verona, 2010.

Summary of teacher's scientific, artistic or professional activities

The total number of citations	more than 50	The number of national projects in which the teacher is currently engaged	2
The total number of 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

He is an official reviewer of three SCI list journals and manager of a Ministry od 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. He is mentoring 2 doctoral dissertations (in progress), and a potential mentor of 3 doctoral students, according to new teaching plans at the Faculty of Mechanical Engineering of Belgrade University.

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	Ristanovic, R. Milan
Academic rank	Assistant Professor
Name of the institution where the teacher works on a full-time basis	University of Belgrade, Faculty of Mechanical Engineering
Date of employment	21.09.1998.
Particular scientific (artistic) field	Automatic Control

Academic career

	Date	Institution	Field
Promotion	29.10.2010.	University of Belgrade, Faculty of Mechanical Eng.	Automatic Control
Ph.D. degree	29.03.2010.	University of Belgrade, Faculty of Mechanical Eng.	Automatic Control
Specialization			
M.Sc. degree	11.07.2001.	University of Belgrade, Faculty of Mechanical Eng.	Automatic Control
B.Sc. degree	08.07.1996.	University of Belgrade, Faculty of Mechanical Eng.	Automatic Control

The list of courses taught

No.	Title of the course	Level of studies
1	Control systems	BSC
2	Programming in automatic control	BSC
3	Automatic control	MSC
4	Industrial automation	MSC
5	Intellingent Buildings	MSC

Representative references (at least 5, no more than 10)

1	Milan Ristanović, Žarko Ćojbašić, Dragan Lazić, Intelligent Control of DC Motor Driven Electromechanical Fin Actuator, Control Engineering Practice, Journal of IFAC, 20 (2012), pp. 610-617.
2	Banjac Miloš J., Todorović Maja N., Ristanović Milan R., Galić Radoslav D, Experimental determination of thermal conductivity of soil with a thermal response test. Thermal Science, 2012 OnLine-First (00):156-156 Details Full text (998 KB) DOI:10.2298/TSCI100627156B
3	Dragan V. Lazić, Milan R. Ristanović, Electrohydraulic Thrust Vector Control of Twin Rocket Engines with Position Feedback via Angular Transducers, Control Engineering Practice, Journal of IFAC, Elsevier Science, 15 (2007), pp. 583-594.
4	Milan Ristanović, Dragan Lazić, Ivica Indjin, Modeling, Simulation and Control of an Electromechanical Aerofin Control System With PWM Controlled DC Motor, Avtomatika i vyqislitelna tehnika / Automatic Control and Computer Sciences, Allerton Press, Inc. distributed by Springer, Vol. 42, No. 4, 2008, pp. 184-190.
5	D V Lazić, M R Jovanović, M R Ristanović, Practical Tracking of a Hydraulic Cylinder and Axial Piston Hydraulic Motor, Power Transmission and Motion Control (PTMC'98), Edited by C R Burrows and K A Edge, ISBN 1 86058 134 X, Bath, UK, 1998, pp. 331-346.
6	Milan Ristanović, Dragan Lazić, Ivica Indjin, Experimental Validation of Increased Performances of an Electromechanical Aerofin Control System With PWM Controlled DC Motor", FME Transactions, Faculty of Mechanical Engineering Belgrade, Volume 34, Number 1, 2006, pp. 15-20.
7	Milan R. Ristanović, Dragan V. Lazić, Ivica Indjin, Nonlinear PID Controller Modification of the Electromechanical Actuator System for Aerofin Control With a PWM Controlled DC Motor", The Scientific Journal Facta Universitatis, Series: Automatic Control and Robotics, Vol. 7, No 1, 2008, pp. 131-139.
8	Žarko Ćojbašić, Dragan Lazić, Milan Ristanović, "Fuzzy-Neuro-Genetic Aerofin Control", The Scientific Journal Facta Universitatis, Series: Automatic Control and Robotics, Vol. 10, No 1, 2011, pp. 71-82.
9	Dragan V. Lazić, Milan R. Ristanović, Hvac, Floor Heating And Fan Coil KNX/EIB Intelligent Control System In The Wellness Centre Of The Hotel Splendid In Bečići, KGH, No1. February 2008, Year 37, str. 49-54. (in
10	Dragan V. Lazić, Milan R. Ristanović, "Introduction to Matlab", 2nd edition, Faculty of Mechanical Engineering, Belgrade, 2012

Summary of teacher's scientific, artistic or professional activities

The total number of citations	5	The number of national projects in which the teacher is currently engaged	1
The total number of papers published in the SCI (SSCI) journals	3	The number of international projects in which the teacher is currently engaged	

Advanced professional training

Germany, 1997, DAAD;
EIB/KNX - Combined course with final exam, Siemens, Belgrade, 2004
EIB/KNX - Advanced course with final exam, Siemens, Belgrade, 2005
EIB-IPNet - Specialized course, Siemens, Ljubljana, 2006

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Simonovic M Aleksandar	
Academic rank		Assosiate Professor	
Name of the institution where the teacher works on a full-time basis		University of Belgrade, Faculty of Mechanial Engineering	
Date of employment		19.02.2002.	
Particular scientific (artistic) field		Aeronautical Engineering	
Academic career			
	Date	Institution	Field
Promotion	2009.	University of Belgrade, Faculty of Mechanial Engineering	Aerospace Engineering
Ph.D. degree	2008.	University of Belgrade, Faculty of Mechanial Engineering	Aerospace Engineering
Specialization			
M.Sc. degree	2004.	University of Belgrade, Faculty of Mechanial Engineering	Aerospace Engineering
B.Sc. degree	2000.	University of Belgrade, Faculty of Mechanial Engineering	Aerospace Engineering

The list of courses taught

No.	Title of the course	Level of studies
1	Numerial Methods in Aerospace Engineering	OAS
2	Windturbines	OAS
3	Light and composite structures	OAS
4	FEM Analysis	OAS
5	Computational Aerodynamics	MAS
6	Windturbines 2	MAS
7	Aeroelasticity	MAS
8	Aircraft Armament	MAS
9	Helicopters	MAS
10	Structural Analysis	MAS
11	Numerical Structural Analysis	DS
12	Adaptive Structures	DS
13	Optimizastion of aerospace structures	DS
14	Selected topics in fluid structure interaction	DS

Representative references (at least 5, no more than 10)

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)
8	Zorić N., Lazarević M., Simonović A., MUTLI-BODY KINEMATICS AND DYNAMICS IN TERMS OF QUATERIONS: LANGRANGE FORMULATION IN COVARIANT FORM – RODRIQUEZ APPROACH, FME Transactions Vol.38, Issue 1, pp. 19-28, (2010), ISSN 1451-2092
9	Zorić N., Simonović A., Mitrović Z., Stupar S., MULTI-OBJECTIVE FUZZY OPTIMIZATION OF SIZING AND LOCATION OF PIEZOELECTRIC ACTUATORS AND SENSORS, FME Transactions Vol.40, Issue 1, pp. 1-9, (2012), ISSN 1451-2092
10	Simonović A., Stupar S., Peković O., STRESS DISTRIBUTION AS A CAUSE OF INDUSTRIAL STEEL CHIMNEY ROOT SECTION FAILURE, FME Transactions Vol 36, No 3, pp. 119-125, (2008.), ISSN 1451-2092

Summary of teacher's scientific, artistic or professional activities

The total number of citations	1	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	

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name		Todorović, N, Maja	
Academic rank		Assistant professor	
Name of the institution where the teacher works on a full-time basis		Faculty of Mechanical Engineering, Belgrade	
Date of employment		04.03.1998.	
Particular scientific (artistic) field		Thermal Science	
Academic career			
	Date	Institution	Field
Promotion	15.02.2008.	Faculty of Mechanical Engineering, Belgrade	Thermal Science
Ph.D. degree	18.06.2007.	Faculty of Mechanical Engineering, Belgrade	Thermal Science
Specialization			
M.Sc. degree	19.09.2002.	Faculty of Mechanical Engineering, Belgrade	Thermal Science
B.Sc. degree	20.06.1995.	Faculty of Mechanical Engineering, Belgrade	Thermal Science

The list of courses taught

No.	Title of the course	Level of studies
1	Fundamentals of Buildings' heating	Bachelor
2	Professional Practice B-TTA	Bachelor
3	Space Heating Systems	Master
4	Energy certification of buildings	Master
5	Professional Practice M-TTA	Master

Representative references (at least 5, no more than 10)

1	Živković B., Todorović M., Vasiljević P.: Energy savings for residential heating in two pair of buildings in New Belgrade achieved ba measuring actually consumed energz from the district heating system "Beogradske elektrane", Thermal Science Journal, Institute for Nuclear Sciences Vinča, Belgrade, No. 4/2006, Vol. 10, pp. 79-88.
2	Šumarac D., Todorović M., Đurović-Petrović M., Trišović N.: Energy efficiency in residential buildings in Serbia, Thermal Science Journal, Vinča, Vol. 14, pp. S97-S113
3	Bajc T., Todorović M.: Energy demands for passive house with Trombe wall for Belgrade weather conditions, 40th Intrnational KGH Congress, Proceedings, pp. 487-496., SMEITS, Belgrade 2009
4	Todorović M., Bajc T: The different energy source type influence on building primary energy needs, 15th Symposium of Thermal Engineers Society of Serbia, Proceedings on CD, Soko Banja, 2011
5	Todorović M., Vasiljević P.: Energy efficiency improvement in residential buildings in Belgrade connected to the district heating system, International Conference on district energy, 2011, SDDE, Portorož, Slovenia, Proceedings pp. 89-97.
6	Banjac M., Todorović M., Ristanovic M., Galic R.: Experimental determination of thermal conductivity of soil with a thermal response test, Themral Science – accepted (DOI:10.2298/TSCI100627156B)

Summary of teacher's scientific, artistic or professional activities

The total number of citations	0	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the SCI (SSCI) journals	3	The number of international projects in which the teacher is currently engaged	1

Advanced professional training

Other information considered relevant

Scientific, artistic and professional qualifications of the teaching staff and its responsibilities

Surname, Middle initial, Name	TRIŠOVIĆ R. NATAŠA
Academic rank	Assistant Professor
Name of the institution where the teacher works on a full-time basis	Belgrade University, Faculty of Mechanical Engineering
Date of employment	01/01/1989.
Particular scientific (artistic) field	Applied Mechanics
Academic career	

	Date	Institution	Field
Promotion	14/11/2008	Faculty of Mechanical Engineering, Chair of Engineering Mechanics, Belgrade University,	
Ph.D. degree	06/11/2007.	Faculty of Mechanical Engineering, Belgrade University	
Specialization			
M.Sc. degree	23/06/1995	Belgrade University, Faculty of Mechanical Engineering	
B.Sc. degree	06/11/1987.	Belgrade University, Faculty of Mechanical Engineering	

The list of courses taught

No.	Title of the course	Level of studies
1	Mechanics 1 - (Statics)	B
2	Mechanics 2 - (Kinematics and Kinetics of Particle)	B
3	Mechanics 3 - (Kinetics of Particle and a Rigid Body)	B
4	Theory of Vibrations	B
5	Theory of Vibrations	M
6	Random Vibration in Mechanical Systems (elective)	M

Representative references (at least 5, no more than 10)

1	“About Eigensensitivity Analysis of Mechanical Structures”, Journal: Theoretical and Applied Mechanics, ISSN 1450-5584, Series: Special Issue – Address to Mechanics, DOI : 10.2298/TAM12S1263T, Vol.40 (S1), pp. 263-275, 2012;
2	“Mathematical Model for the Particle Size Distribution of a Kieselguhr Filter Granulation”, (with: K. Tomantschger, D. Petrovic and Z. Golubovic) Journal: Metalurgia International, vol. 17 br. 10, str. 192-197, 2012;
3	“On the Particles Size Distributions of Diatomaceous Earth and Perlite Granulations”, (with: D. Petrovic, C. Mitrovic and Z. Golubovic), Strojniski Vestnik-Journal Of Mechanical Engineering, vol. 57 br. 11, str. 843-850, 2011;
4	“Developed procedure for dynamic reanalysis of structures”, (with: T. Maneski and D. Kozak), Strojarstvo - Journal for Theory and Application in Mechanical Engineering, vol. 52, pp. 147-158, 2010;
5	“Energy Efficiency of Residential Buildings in Serbia”, (with: D. Sumarac, M. Todorovic and M. Djurovic-Petrovic), Journal: Thermal Science, vol. 14, pp. 97-113, 2010;
6	”Hysteretic behavior modeling of elastoplastic materials”, (with: D. Šumarac, B. Medjo), Theoretical and Applied Mechanics, Vol.35, No.1-3, pp.287-303, 2008;
7	„Eigenvalue Sensitivity Analysis in Structural Dynamics“, FME Transactions, Volume 35, No 3, pp. 149-156, Beograd, 2007;
8	“Modification of the Dynamics Characteristics in the Structural Dynamics Reanalysis”, Facta Universitatis, Series Mechanical Engineering, Vol.5, No 1, pp. 1 – 9, Niš, 2007;
9	“Determination of Engineering Materials Ductility Using Various Parameters Obtained by the Scharp Pendulum”, (with: O. Popović and A. Sedmak), Integrity and Age of Structures (1-2/2002), pp.23-27, 2002;
10	“Determination of C* Integral Applying the Epri Procedure”, Integrity and Age of Structures, (with: S. Damljanović, A. Sedmak, H. A. Anyiam and Lj. Milović), (1-2/2002), pp.51-54, 2002;

Summary of teacher's scientific, artistic or professional activities

The total number of citations	2	The number of national projects in which the teacher is currently engaged	2
The total number of papers published in the SCI (SSCI) journals	4	The number of international projects in which the teacher is currently engaged	1

Advanced professional training

A short visit for collaborative, Rice University, Houston, August, 2012;
Other information considered relevant
A handbook of exercises in Mechanics for independent performance – dynamics of particle and dynamics of system, (with: M. Pavišić, Z. Stokić), published by the Faculty of Mechanical Engineering, Belgrade, 1998;
A collection of exercises in Statics with extracts from the theory, (with: M. Glišić, O. Jeremić, S. Milićev, D. Zeković), published by the Faculty of Mechanical Engineering, Belgrade, 1998;
A handbook of exercises in Mechanics for independent performance – statics and kinematics, (with M. Lazarević), published by the Faculty of Mechanical Engineering, Belgrade, 1999;
Co-author of 11 patents, Protected by Intellectual Property Office, Belgrade, 1996.-2004.
“Advanced Wavelet Analysis for Structural Testing – AWAST”, EUREKA Program E!4930, from 1.07.2009 to 30.06.2011, Reg. No. Ug. 404-02-8/2009-01-5