

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>				Milosavljević Lj. Aleksandar
<b>Title</b>				Assistant Professor
<b>Specific scientific field</b>				Computer Science
<b>Academic career</b>				
	<b>Date</b>	<b>Institution</b>	<b>Field</b>	
Election	01/29/2013	Faculty of Electronic Engineering, Niš	Computer Science	
PhD	01/30/2012	Faculty of Electronic Engineering, Niš	Computer Science	
Diploma	02/21/2001	Faculty of Electronic Engineering, Niš	Computer Science	
<b>List of courses the lecturer holds at study programs of doctoral studies</b>				
<b>Number</b>	<b>The name of the course</b>			
1	Advanced Topics in Software Engineering			
2	Advanced Topics in Computer Graphics			
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<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>				
1	Aleksandar Milosavljević, Aleksandar Dimitrijević, Dejan Rančić, "GIS augmented video surveillance", International Journal of Geographic Information Science, Vol. 24, Issue 9, September 2010, pp. 1415-1433. ISSN: 1365-8816, <a href="http://www.tandfonline.com/doi/abs/10.1080/13658811003792213">http://www.tandfonline.com/doi/abs/10.1080/13658811003792213</a> , IF=1.533 (2009), IF5=2.303 (2009).			
2	Aleksandar Milosavljević, Slobodanka Đorđević-Kajan, Leonid Stoimenov, "An Application Framework for Rapid Development of Web based GIS: GinisWeb", Chapter 3 in Geospatial Services and Applications for the Internet (eds. J. T. Sample, K. Shaw, S. Tu, M. Abdelguerfi), Springer, 2008, pp. 49-72. ISBN: 978-0-387-74673-9, <a href="http://www.springerlink.com/content/v151260736762020">http://www.springerlink.com/content/v151260736762020</a> .			
3	Bratislav Predić, Dejan Rančić, Aleksandar Milosavljević, "Impacts of Applying Automated Vehicle Locations Systems to Public Bus Transport Management", Journal of Research and Practice in Information Technology, Vol. 42, No. 2, May 2010, pp. 85-104. ISSN: 1443-458X, <a href="http://www.acs.org.au/jrpit">www.acs.org.au/jrpit</a> , IF=0.5 (2009), IF5=0.752 (2009).			
4	Bratislav Predić, Dragan Stojanović, Slobodanka Djordjević-Kajan, Aleksandar Milosavljević, Dejan Rančić, "Prediction of Bus Motion and Continuous Query Processing for Traveler Information Services", Lecture Notes in Computer Science, Published by Springer Berlin/Heidelberg, Volume 4690/2007, pp. 234-249, September 2007, ISBN: 978-3-540-75184-7, ISSN: 0302-9743, <a href="http://www.springerlink.com/content/932213j38468n522">http://www.springerlink.com/content/932213j38468n522</a> , IF=0.402 (2005).			
5	Aleksandar Milosavljević, Leonid Stoimenov, Dejan Rančić, "An Approach for Generation of Perception Frames based Fuzzy Neural Network from Data", WSEAS Transactions on Systems, Published by WSEAS (The World Scientific and Engineering Academy and Society), Vol. 7, Issue 6, pp. 662-671, 2008, ISSN: 1109-2777, <a href="http://www.wseas.us/e-library/transactions/systems/2008/27-376.pdf">http://www.wseas.us/e-library/transactions/systems/2008/27-376.pdf</a> .			
6	Dejan Rančić, Bratislav Predić, Dragan Stojanović, Aleksandar Milosavljević, "Mobile Devices as Personal GIS Client Platforms", International Journal of Computers, Published by North Atlantic University Union, Volume 2, Issue 4, pp. 470-478, 2008, ISSN: 1998-4308, <a href="http://www.naun.org/journals/computers/ijcomputers-112.pdf">http://www.naun.org/journals/computers/ijcomputers-112.pdf</a> .			
7	Aleksandar Milosavljević, Aleksandar Dimitrijević, Dejan Rančić, "Video Surveillance using Augmented Virtual Environments", ICEST 2010, Ohrid, Macedonia, June 23-26, 2010., pp. 753-756. ISBN: 978-9989-786-58-7, <a href="http://www.icestconf.org">http://www.icestconf.org</a> .			
8	Aleksandar Milosavljević, Leonid Stoimenov, Dejan Rančić, "An Algorithm for Automatic Generation of Fuzzy Neural Network based on Perception Frames", Proceedings of the 9th WSEAS International Conference on Neural Networks (NN'08), Published by WSEAS Press, Sofia, Bulgaria, pp. 215-220, May 2-4, 2008, ISBN: 978-960-6766-56-5, ISSN: 1790-5109.			
9	Leonid Stoimenov, Aleksandar Stanimirovic, Aleksandar Milosavljevic, "GIS as a Tool in Emergency Management Process", World Congress on Engineering 2007, the 2007 International Conference of Computer Science and Engineering, ICCSE 2007, London, U.K., 2-4 July 2007, Proceeding Books, IAENG - International Association of Engineers, Volume 1, pp. 238-242, 2007, ISBN: (Vol I & II) 978-988-98671-5-7, 978-988-98671-2-6, <a href="http://www.iaeng.org/publication/details/TOC/WCE2007_Proc_I.pdf">http://www.iaeng.org/publication/details/TOC/WCE2007_Proc_I.pdf</a> .			
10	Aleksandar Milosavljević, Leonid Stoimenov, Slobodanka Đorđević-Kajan, "An Architecture for Open and Scalable Web GIS", 8th AGILE Conference on GIScience, Estoril, Portugal, May 26-28, 2005, pp. 629-634.			

11	Aleksandar Milosavljević, Aleksandar Dimitrijević, Vladan Mihajlović, Dejan Rančić, Ivan Vulić, "Distributed Multiplatform Architecture of Military GIS", Proceedings of the 4th International Scientific Conference on Defensive Technologies - OTEH 2011, Belgrade, Serbia, 6-7 October 2011., pp. 763-767. ISBN: 978-86-81123-50-8, <a href="http://www.vti.mod.gov.rs/oteh11/index.htm">http://www.vti.mod.gov.rs/oteh11/index.htm</a> .		
12	Aleksandar Milosavljević, Dejan Rančić, Aleksandar Dimitrijević, Vladan Mihajlović, "Touch Interface Framework for GIS based C4I Systems", XLII International Scientific Conference on Information, Communication and Energy Systems and Technologies - ICEST 07, Ohrid, Macedonia, pp. 261-264, June 24-27, 2007, ISBN: 9989-786-06-2. <a href="http://icest2007.uklo.edu.mk/">http://icest2007.uklo.edu.mk/</a>		
13	Aleksandar Milosavljević, Leonid Stoimenov, Živko Tošić, "Fuzzy Neural Networks Analyses through Simulation and Training", International Conference on Computational Intelligence for Modelling, Control and Automation - CIMCA 2003, Vienna, Austria, February 12-14, 2003, pp. 916-925.		
14	Dejan Rančić, Aleksandar Dimitrijević, Aleksandar Milosavljević, Vladan Mihajlović, Aleksandar Kostić, "Virtual GIS for Prediction and Visualization of Radar Coverage", Third IASTED International Conference on Visualization, Imaging and Image Processing, September 8-10, 2003, Benalmadena, Spain, vol. II, pp. 970-974.		
15	Aleksandar Milosavljević, Dejan Rančić, Aleksandar Dimitrijević, "Metod za procenu georeference kamere u GIS zasnovanom video nadzoru", ETRAN 2012, Zlatibor, 11-14 jun 2012., ISBN: 978-86-80509-67-9, <a href="http://etran.etf.bg.ac.rs">http://etran.etf.bg.ac.rs</a> .		
16	Marko Kovačević, Aleksandar Milosavljević, Vladan Mihajlović, Dejan Rančić, "Architecture of Distributed Multiplatform GIS for Meteorological Data Analysis and Visualization", ICEST 2012, Veliko Tarnovo, Bulgaria, June 20-30, 2012., <a href="http://www.icestconf.org">http://www.icestconf.org</a> .		
17	Dejan Rančić, Aleksandar Dimitrijević, Aleksandar Milosavljević, Predrag Eferica, Ivica Đorđević, Janko Aleksić, Milan Popović, "An example of air defence C4I system implementation", Proceedings of the 4th International Scientific Conference on Defensive Technologies - OTEH 2011, Belgrade, Serbia, 6-7 October 2011., pp. 511-517. ISBN: 978-86-81123-50-8, <a href="http://www.vti.mod.gov.rs/oteh11/index.htm">http://www.vti.mod.gov.rs/oteh11/index.htm</a> .		
18	Dejan Rančić, Aleksandar Milosavljević, Aleksandar Dimitrijević, Marko Kovačević, Boban Trajković, Veselin Gredić, "Architecture and functionalities of desktop GIS universal military system", Proceedings of the 4th International Scientific Conference on Defensive Technologies - OTEH 2011, Belgrade, Serbia, 6-7 October 2011., pp. 752-758. ISBN: 978-86-81123-50-8, <a href="http://www.vti.mod.gov.rs/oteh11/index.htm">http://www.vti.mod.gov.rs/oteh11/index.htm</a> .		
19	Marko Kovačević, Aleksandar Milosavljević, Dejan Rančić, "Implementing Complex Polylines for use in GIS", XLIV International Scientific Conference on Information, Communication and Energy Systems and Technologies - ICEST 2009, Veliko Tarnovo, Bulgaria, June 25-27, 2009, Vol. I, pp. 285-288, <a href="http://www.tu-sofia.bg/ENG/fktt/ICEST-09/index.html">http://www.tu-sofia.bg/ENG/fktt/ICEST-09/index.html</a> .		
20	Bratislav Predić, Dejan Rančić, Dragan Stojanović, Aleksandar Milosavljević, "Automatic Vehicle Location in Public Bus Transportation System", Proceedings of the 11th WSEAS International Conference on Computers, Published by WSEAS Press, Agion Nikolaos, Crete, Greece, pp. 673-678, July 26-28, 2007, ISSN: 1790-5117, ISBN: 978-960-8457-92-8, <a href="http://www.wseas.us/e-library/conferences/2007csc/papers/561-517.pdf">http://www.wseas.us/e-library/conferences/2007csc/papers/561-517.pdf</a> .		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	23	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	3	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Antić S. Dragan	
<b>Title</b>		Full Professor	
<b>Specific scientific field</b>		Control Systems	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	02.04.2005.	University of Niš, Faculty of Electronic Engineering, Niš	Control Systems
PhD	08.11.1994.	University of Niš, Faculty of Electronic Engineering, Niš	Control Systems
Diploma	29.05.1987.	University of Niš, Faculty of Electronic Engineering, Niš	Control Systems
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Modelling of dynamical systems		
2	Variable structure systems		
3	Mathematical models in industry		
4	Simulation of industrial systems		
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Dragan Antić, Saša Dimitrijević, "Non-minimum phase plant control using fuzzy sliding mode", Electronics Letters, Vol. 34, No. 11, pp. 1156-1158, 1998.		
2	Bojana Petković, Saša Ilić, Slavoljub Aleksić, Nebojša Raičević, Dragan Antić, "A Novel Approach to the Positive DC Nonlinear Corona Design", Electromagnetics, vol. 31, no. 7, pp. 505-524, 2011.		
3	Goran Jovanović, Darko Mitić, Mile Stojčev, Dragan Antić, "Phase-Synchronizer Based on gm-C All-Pass Filter Chain", Advances in Electrical and Computer Engineering, vol. 12, no. 1, pp. 39-44, 2012.		
4	Zbynek Fedra, Bojan Dimitrijević, Nenad Milošević, Dragan Antić, Zorica Nikolić, "Variance Based OFDM Frame Synchronization", Radioengineering, vol. 21, no. 21 pp. 409 - 413, 2012.		
5	Slavimir Stošović, Zorica Nikolić, Bojan Dimitrijević, Dragan Antić, Nenad Milošević, "A Novel OFDM/DQPSK Receiver with Adaptive Remodulation Filter", Radioengineering, vol. 21, no. 4 pp, (1125 - 1129), 2012		
6	Goran Jovanović, Darko Mitić, Mile Stojčev, Dragan Antić, "Self-tuning biquad band-pass filter", Journal of Circuits, Systems and Computers, vol. 22, no. 3, 2013		
7	Marko Milojković, Saša Nikolić, Bratislav Danković, Dragan Antić, Zoran Jovanović, "Modelling of Dynamical Systems Based on Almost Orthogonal Polynomials", Mathematical and Computer Modelling of Dynamical Systems, vol. 16, no. 2, (2010), pp. 133-144. Print ISSN: 1387-3954, Publisher: Taylor & Francis		
8	Dragan Antić, Marko Milojković, Zoran Jovanović, Saša Nikolić, "Optimal Design of the Fuzzy Sliding Mode Control for a DC Servo Drive", Strojniški vestnik - Journal of Mechanical Engineering, vol. 56, no. 7-8, (2010), pp. 455-463. Print ISSN: 0039-2480. Publisher: Association of Mechanical Engineers of Slovenia (AMES)		
9	Saša Nikolić, Dragan Antić, Bratislav Danković, Marko Milojković, Zoran Jovanović, Staniša Perić, "Orthogonal Functions Applied in Antenna Positioning", Advances in Electrical and Computer Engineering, vol. 10, no. 4, (2010), pp. 35-42. Print ISSN: 1582-7445, Publisher: Faculty of Electrical Engineering and Computer Science, Stefan cel Mare University of Suceava, Romania		
10	Dragan Antić, Saša Nikolić, Marko Milojković, Nikola Danković, Zoran Jovanović, Staniša Perić, "Sensitivity Analysis of Imperfect Systems Using Almost Orthogonal Filters", Acta Polytechnica Hungarica, vol. 8, no. 6, (2011), pp. 79-94. Print ISSN: 1785-8860, Publisher: Óbuda University, Hungary.		
11	Dragan Antić, Bratislav Danković, Saša Nikolić, Marko Milojković, Zoran Jovanović, "Approximation Based on Orthogonal and Almost Orthogonal Functions", Journal of the Franklin Institute, vol. 349, no. 1, (2012), pp. 323-336. Print ISSN: 0016-0032, Publisher: Elsevier Ltd.		
12	Dragan Antić, Zoran Jovanović, Vlastimir Nikolić, Marko Milojković, Saša Nikolić, Nikola Danković, "Modeling of Cascade-Connected Systems Using Quasi-Orthogonal Functions", Electronics and Electrical Engineering, vol. 18, no. 10, (2012), pp. 3-8. Print ISSN: 1392-1215, Publisher: Kaunas University of Technology.		
13	Darko B. Mitić, Staniša Lj. Perić, Dragan S. Antić, Zoran D. Jovanović, Marko T. Milojković, Saša S. Nikolić, "Digital Sliding Mode Control of Anti-Lock Braking System", Advances in Electrical and Computer Engineering, vol. 13, no. 1, (2013), pp. 33-40. Print ISSN: 1582-7445, Publisher: Faculty of Electrical Engineering and Computer Science, Stefan cel Mare University of Suceava, Romania.		

14	Jelena Nikolić, Zoran Perić, Aleksandra Jovanović, Dragan Antić, "Design of Forward Adaptive Piecewise Uniform Scalar Quantizer with Optimized Reproduction Level Distribution per Segments", Electronics and Electrical Engineering, vol. 119, no. 3, pp. 19-22, 2012
15	Marko T. Milojković, Dragan S. Antić, Saša S. Nikolić, Zoran D. Jovanović, Staniša Lj. Perić, "On a New Class of Quasi-orthogonal Filters", International Journal of Electronics, Print ISSN: 0020-7217, Publisher: Taylor & Francis.
16	Goran Jovanović, Darko Mitić, Mile Stojčev, Dragan Antić, "Phase-Synchronizer Based on gm-C All-Pass Filter Chain", Advances in Electrical and Computer Engineering, Vol. 12, No 1, 2012, (pp. 39-44)
17	Jelena Nikolić, Zoran Perić, Aleksandra Jovanović, Dragan Antić, "Design of Forward Adaptive Piecewise Uniform Scalar Quantizer with Optimized Reproduction Level Distribution per Segments", Electronics and Electrical Engineering, vol. 119, no. 3, pp. 19-22, 2012
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**Cumulative data of the scientific activity of the lecturer**

Total number of citations	107	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	20	Number of international projects at which the lecturer currently participates	6

**Specializations**

<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Damnjanović S. Milunka		
<b>Title</b>	Full professor		
<b>Specific scientific field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	10.10.2002.	Faculty of Electronic Engineering Niš	Electronics
PhD	30.01.1992.	Faculty of Electronic Engineering Niš	Electronics
Diploma	28.06.1976.	Faculty of Electronic Engineering Niš	Electronics

### List of courses the lecturer holds at study programs of doctoral studies

Number	The name of the course
1	Digital circuits and systems design
2	System-on-chip Design
3	Electronic Circuits Testing
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### The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)

1	Damnjanović, M., Litovski, V.: A Survey of Routing Algorithms in Custom IC Design, Journal of Semicustom ICs, Vol. 7, No.2, December 1989, (Invited paper)
2	Damnjanović, M., Radenković, T.: Routing for gate-arrays in an integrated design software environment, FU: Electronics and energetics, Vol.4, No.1, 1991, 67-80
3	Damnjanović, M., Dimić, Ž., Litovski, V., Mrčarica, Ž.: Electronic circuit simulation in a mixed-language environment, Microelectronics Journal, Vol. 29, No. 8, 1998, 553-558
4	Damnjanović, M., Litovski, V.: Routing Algorithms in Custom IC Design, Proc. of 2nd Custom Circuits Conference, Szeged, 1989, 83-111 (Inv. Intro. Paper)
5	Jovanović, B., Damnjanović, M., Litovski, V.: Square Root on Chip, ETF J. of Electrical Engineering, University of Montenegro, Vol.12, No.1, 2004, 65-75
6	Damnjanović, M., Petković, P., Jovanović, B.: Integrated Power Meter IC Calibration, Proc. of the Small Systems Simulation Symposium 2005, Nis, 59-62
7	Jovanović B., Damnjanović, M., Pavlović M.: 12-channel PC-Based Electrocardiograph, Electronics, vol. 8, No.2, December, 2006, pp. 44-48
8	Damnjanović, M., Djordjević, B., Živković, V.: A Solution to Run-Time Monitoring of Real-Time Systems, Proc. of Electrical Engineering and Electronics, Gabrovo, 1998, 272-277
9	Damnjanović, M., Jovanović, B., Sokolović, M.: Decimation Filters Design for an Integrated Power-Meter, Proceedings of 24th Int. Conf. MIEL 2004, Niš, vol. 2, 601-604
10	Jovanović, B., Petković, P., Damnjanović, M.: Serial Port Interface for Microcontroller Embedded into Integrated Power Meter, Proc. of 16th Int. Scientific and Applied Science Conference - Electronics EL'2007, Sozopol, 2007, Book 4, pp. 103-108
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### Cumulative data of the scientific activity of the lecturer

Total number of citations	40	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	7	Number of international projects at which the lecturer currently participates	2

### Specializations

### Other data considered relevant




## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Rančić D. Dejan		
<b>Title</b>	Associate Professor		
<b>Specific scientific field</b>	Computer Science		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	12.07.2010	Faculty of Electronic Engineering, Niš	Computer Science
PhD	04.06.2004	Faculty of Electronic Engineering, Niš	Technical Sciences
Diploma	24.09.1993	Faculty of Electronic Engineering, Niš	Computer Science
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Advanced topic in software engineering		
2	Advanced topic in computer graphics		
3	Advanced topic in specialized information systems		
4	Advanced topics in learning technologies		
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Rančić D., Đorđević-Kajan S., "MapEdit: solution to continuous raster map creation", Computer and Geosciences, Vol. 29, No. 2, Elsevier Science, 2003, pp.115-122.		
2	Aleksandar Milosavljević, Aleksandar Dimitrijević, Dejan Rančić, "GIS augmented video surveillance", International Journal of Geographic Information Science, 24(9), 2010, pp. 1415-1433, ISSN: 1365-8816.		
3	K. Kuk, I. Milentijević, D. Rančić, P. Spalević, "Pedagogical agent in Multimedia Interactive Modules for Learning – MIMLE", Expert Systems with Applications, Elsevier Science, Volume 39, Issue 9, July 2012, Pages 8051-8058, ISSN 0957-4174.		
4	V.V. Mitić, V. Paunović, J. Purenović, S. Janković, Lj. Kocić, I. Antolović, D. Rančić, "The contribution of fractal nature to BaTiO <sub>3</sub> -ceramics microstructure analysis", Ceramics International, pp. 1295–1301, Volume 38, Issue 2, March 2012, ISSN: 0272-8842.		
5	Bratislav Predić, Dejan Rančić, Aleksandar Milosavljević, "Impacts of Applying Automated Vehicle Location Systems to Public Bus Transport Management", Journal of Research and Practice in Information Technology - JRPIT, Australian Computer Society Inc., Volume 42, Number 2, May 2010., (pp. 85-104), ISSN: 1443-458X.		
6	Bratislav Predić, Dragan Stojanović, Slobodanka Djordjević-Kajan, Aleksandar Milosavljević, Dejan Rančić, "Prediction of Bus Motion and Continuous Query Processing for Traveler Information Services", Lecture Notes in Computer Science, Published by Springer Berlin/Heidelberg, Volume 4690/2007, pp. 234-249, September 2007, ISBN: 978-3-540-75184-7, ISSN: 0302-9743.		
7	K. Kuk, D. Rančić, P. Spalević, G. Dimić, "The System for Keeping Records of Radio and TV Receivers based on the Java J2ME Platform" - ELEKTRONIKA IR ELEKTROTEHNIKA, KTU Lithuania, ISSN 1392 – 1215 , 2010, Vol. 10(106), T180, pp 121-124.		
8	Nebojša Đorđević, Dejan Rančić, "Evaluation of Human Cognitive Characteristics in Interaction with Computer", in: Shane Pinder (ed): Advances in Human-Computer Interaction, I-Tech Education and Publishing KG, Vienna, Austria, pp. 107-120, October 2008, ISBN:978-953-7619-15-2.		
9	Dejan Rančić, Bratislav Predić, Dragan Stojanović, Aleksandar Milosavljević, "Mobile Devices as Personal GIS Client Platforms", International Journal of Computers, North Atlantic University Union, Volume 2, Issue 4, pp. 470-478, 2008, ISSN: 1998-4308.		
10	Enes Šukić, Dejan Rančić, "FOS GIS solutions in Web Mapping", TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, 2011, vol. 6 br. 4, pp 1083-1088, ISSN: 1840-1503.		
11	Dejan Rančić, Bratislav Predić, Vladan Mihajlović, "Online and Post-processing of AVL Data in Public Bus Transportation System", WSEAS Transactions on Information Science and Applications, Published by WSEAS (The World Scientific and Engineering Academy and Society), Volume 5, Issue 3, pp. 229-236, March 2008 , ISSN: 1790-0832.		
12	Aleksandar Milosavljević, Leonid Stoimenov, Dejan Rančić, "An Approach for Generation of Perception Frames based Fuzzy Neural Network from Data", WSEAS Transactions on Systems, Published by WSEAS (The World Scientific and Engineering Academy and Society), Volume 7, Issue 6, pp. 662-671, 2008, ISSN: 1109-2777.		
13	Dejan Rančić, Bratislav Predić, Dragan Stojanović, Aleksandar Milosavljević, "Mobile Devices as Personal GIS Client Platforms", NORTH ATLANTIC UNIVERSITY UNION - INTERNATIONAL JOURNAL of COMPUTERS, Volume 2, Number 4, 2008., (pp 470-478), ISSN: 1998-4308		

14	Marko M. Kovačević, Vladan T. Mihajlović, Dejan D. Rančić, "Streamlines Based Visualization of Air Flow in Clouds", Serbian Journal of Electrical Engineering, Published by Technical Faculty Čačak, Serbia, February 2012, Vol. 9, No. 1, pp. 43-52, ISSN: 1451-4869.		
15	Igor Antolović, Vladan Mihajlović, Dejan Rančić, Dragan Mihić, Vlada Đurđević, " Digital Climate Atlas of the Carpathian Region", 12th EMS Annual Meeting & 9th European Conference on Applied Climatology ECAC 2012, Lodz, Poland, 10-14 September 2012.		
16	Vladan Mihajlović, Igor Antolović, Marko Kovačević, Bratislav Predić, Dejan Rančić, "Efficient Visualization of Weather Radar 2D Products in Hail Suppression Information", International Simposium of Signals, Systems and Electronics, ISSSE 2012, Potsdam, Germany, 3-5 October 2012.		
17	Aleksandar Kostić, Bratislav Milovanović, Predrag Eferica, Predrag Vuković, Dejan Rančić, "Weather Radar Signal and Data Processing in Hail Suppression System", Facta Universitatis, Series: Electronics and Energetics, Vol. 10, No. 2, 1997, pp. 325-340.		
18	Dejan Rančić, Slobodanka Đorđević-Kajan, Dejan Milenović, Leonid Stoimenov, "Trodimenzionalni geografski informacioni sistemi", INFO SCIENCE, Izdavač: Jedininstveni informatički savez-JISA, Vol. 8, no. 3, 2000, pp. 27-30. ISSN: 0354-5334.		
19	Dejan Rančić, Marko Smiljanić, Slobodanka Đorđević-Kajan, Aleksandar Kostić, Predrag Eferica, Predrag Vuković, Zoran Vučinić, "Radar Data Processing for Cloud Seeding in Hail Suppression Information System", RADME 98 – Theoretical, Experimental and Operational Aspects of Radarmeteorology, Rome, June 9-10, 1998, pp. 137-149.		
20	Dejan Rančić, Marko Smiljanić, Slobodanka Đorđević-Kajan, Predrag Eferica, Predrag Vuković, Aleksandar Kostić, "Meteorological Radar Data Processing Software", Proceedings of the 19th EARSel Symposium "Remote Sensing in the 21st century", Valladolid, June 1999, Spain, pp. 149-156.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	35	Number of domestic projects at which the lecturer currently participates	4
Total number of papers at the SCI (SSCI) list	8	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Djordjevic Lj. Goran	
<b>Title</b>		Full professor	
<b>Specific scientific field</b>		Electronics	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	13.07.2009	University of Nis, Faculty of Electronic Engineering	Electronics
PhD	28.12.1998	University of Nis, Faculty of Electronic Engineering	Electronics
Diploma	16.08.1989	University of Nis, Faculty of Electronic Engineering	Computer Science and Informatics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Data communication and networking		
2	Reconfigurable systems		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	M. D. Jovanovic, G. Lj. Djordjevic, "Reduced-Frame TDMA Protocols for Wireless Sensor Networks", International Journal of Communication Systems, John Wiley & Sons, Ltd., ISSN: 1099-1131, 2012, DOI: 10.1002/dac.2439, published online 02.10.2012.		
2	A. S. Velimirovic, G. Lj. Djordjevic, M. M. Velimirovic, M. D. Jovanovic, "Fuzzy ring-overlapping range-free (FRORF) localization method for wireless sensor networks", Computer Communications, Elsevier Ltd., ISSN 0140-3664, Vol. 35, No. 13, 2012, pp. 1590-1600, DOI: 10.1016/j.comcom.2012.05.006.		
3	A. S. Velimirovic, G. Lj. Djordjevic, M. M. Velimirovic, M. D. Jovanovic, "A Fuzzy Set-Based Approach to Range-Free Localization in Wireless Sensor Networks", Facta Univ. Ser.: Elec. Energ., vol. 23, No. 2, August 2010, pp. 227-244. YU ISSN 0353-3670, DOI:10.2298/FUEE1002227.		
4	T. R. Nikolic, M. K. Stojcev, G. Lj. Djordjevic, "CDMA bus based on-chip interconnect infrastructure", Microelectronics Reliability, Elsevier Ltd., Vol. 49, No. 4, April 2009, pp. 448-459, DOI: 10.1016/j.microrel.2009.02.002		
5	M. D. Jovanovic, G. Lj. Djordjevic, TFMAC: Multi-channel MAC Protocol for Wireless Sensor Networks, in Proc. of 8-th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS), Nis, Serbia, September 2007, pp. 23-26. DOI: 10.1109/TELSKS.2007.4375929		
6	D. B. Stankovic, M. K. Stojcev, and G. Lj. Djordjevic, Power Reduction Technique for Successive-Approximation Analog-to-Digital Converters, in Proc. of 8-th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS), Nis, Serbia, September 2007, pp. 355-358.		
7	G. Lj. Djordjevic, T. R. Stankovic, M. K. Stojcev, Approach to Partially Self-Checking Finite State Machine Design, Proc. 25th International Conference on Microelectronics (MIEL 2006), Belgrade, Serbia and Montenegro, Vol.2, 14-17 May, 2006, pp. 697-700.		
8	M. D. Krstic, M. K. Stojcev, G. Lj. Djordjevic, I. D. Andrejic, "A Mid-Value Select Voter", Microelectronics Reliability, Elsevier Ltd, Vol. 45, No. 3-4, pp.733-738, March-April 2005, DOI: 10.1016/j.microrel.2004.07.006		
9	G. Lj. Djordjevic, M. K. Stojcev, T. R. Stankovic, "Approach to partially self-checking combinational circuit design", Microelectronics Journal, Elsevier Ltd, Vol. 35, No. 12, pp. 945-952, December 2004. ISSN: 0026-2692. DOI:10.1016/j.mejo.2004.07.007		
10	T. R. Stankovic, M. K. Stojcev, G. Lj. Djordjevic, "On VHDL Synthesis of Self-Checking Two-Level Combinational Circuits", Facta Universitatis (Nis), Series: Electronics and Energetics, Vol. 17, No. 1, pp. 69-80, April 2004. YU ISSN 0353-3670.		
11	M. K. Stojčev, G. Lj. Djordjevic, T. R. Stanković, "Implementation of self-checking two-level combinational logic on FPGA and CPLD circuits", Microelectronics Reliability, Vol. 44, No. 1, Elsevier Inc, pp. 173-178, January 2004. ISSN: 0026-2714. DOI:10.1016/S0026-2714(03)00377-9.		
12	G. S. Jovanovic, M. K. Stojcev, G. Lj. Djordjevic, B. D. Petrovic, "High Resolution Time-to-Digital Converter Utilizing Dual-Slope Principle", 6th International Conference on Telecommunications in Modern Satellite, TELSIS 2003, Niš, Serbia and Montenegro, October 1-3, 2003, pp. 139-142.		
13	M.K. Stojcev, G. Lj. Djordjevic, M. D. Krstic, "A hardware mid-value select voter architecture", Microelectronics Journal, Vol. 32, No. 2, pp. 149-162, 2001. ISSN: 0026-2692. DOI:10.1016/S0026-2692(00)00114-2		



14	B.Vasic, G. Lj. Djordjevic, M.Tosic, "Loose Composite Constraint Codes and Their Application in DVD", IEEE Journal of Selected Area in Communications, Vol. 19, No. 4, pp. 765 –773, April 2001. ISSN: 0733-8716. DOI:10.1109/49.920184.		
15	M. K. Stojcev, G. Lj. Djordjevic, E. I. Milovanovic, I. Z. Milovanovic, "Data reordering converter: an interface block in a linear chain of processing arrays", Microelectronics Journal, Elsevier Inc, Vol. 31, No. 1, pp. 23-37, 2000. ISSN: 0026-2692. DOI:10.1016/S0026-2692(99)00086-5		
16	B.Vasic, G.Djordjevic, M.Tosic, "EFM++ an Efficient Coding Format For DVD", Facta Universitatis (Nis), Series: Electronics and Energetics, Vol. 13, No. 3, December 2000, 263—296. YU ISSN 0353-3670		
17	M. Tosic, M. Stojcev, D. Maksimovic, G. Lj. Djordjevic, "The asynchronous counterflow pipeline bit-serial multiplier", Journal of System Architecture, Elsevier B.V, Vol. 44, No. 12, pp. 985-1004, 1998. ISSN: 1383-7621. DOI:10.1016/S1383-7621(97)00046-5		
18	G. Lj. Djordjevic, M. B. Tosic, "A heuristic for scheduling task graphs with communication delays onto multiprocessors", Parallel Computing, Elsevier Science B.V., Vol. 22, No. 9, pp. 1197-1214. 1996. ISSN: 0167-8191. DOI:10.1016/S0167-8191(96)00041-5.		
19	G. Lj. Djordjevic, M.B. Tosic, "A compile-time scheduling heuristic for multiprocessor architectures", The Computer Journal, Oxford University Press, Vol.39, No.8, pp 663-674, 1996. ISSN: 0010-4620. DOI:10.1093/comjnl/39.8.663		
20	G. Lj. Djordjevic, M.K. Stojcev, "An interprocessor communication interface for message passing via shared memory modules - design and performances", Computers and Artificial Intelligence, Slovak Academic Press Ltd, Vol. 15, No. 1, pp. 1-33., 1996, ISSN 1335-9150		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	140	Number of domestic projects at which the lecturer currently participates	0
Total number of papers at the SCI (SSCI) list	12	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>				Đorđević S. Goran			
<b>Title</b>				Full professor			
<b>Specific scientific field</b>				Automation			
<b>Academic career</b>							
		<b>Date</b>	<b>Institution</b>			<b>Field</b>	
Election		28.09.2007.	University of Niš, Faculty of Electronics Engineering			Automation	
PhD		17.10.1995.	University of Niš, Faculty of Electronics Engineering			Automation	
Diploma		24.06.1988.	University of Niš, Faculty of Electronics Engineering			Automation	
<b>List of courses the lecturer holds at study programs of doctoral studies</b>							
<b>Number</b>	<b>The name of the course</b>						
1	Robotics and automation						
2	Manipulators control						
3							
4							
5							
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>							
1	Goran S. Đorđević, Milan Rašić, Dragan Kostić, and Veljko Potkonjak, "Representation of robot motion control skill", IEEE Transactions on System, Man and Cybernetics, Part C (Applications and Reviews), Vol. 30, no. 2, pp. 219 – 238, May, 2000.						
2	Veljko Potkonjak, Goran S. Đorđević, Dragan Kostić, and Milan Rašić, "Dynamics of Anthropomorphic Painting Robot: Quality Analysis and Cost Reduction", Robotics and Autonomous Systems, 32 (2000), pp. 17–38.						
3	Wang T., Goran S. Đorđević, and Shadmehr R., "Learning Dynamics of Reaching Movements Results in the Modification of Arm Impedance and Long-Latency Perturbation Responses," Biological Cybernetics, vol. 85, pp. 437-448, 2001.						
4	Veljko Potkonjak, Dragan Kostić, Milan Rašić, and Goran S. Đorđević, "Motion in Human and Machine: A Virtual Fatigue Approach, IEEE Transactions On Systems, Man, And Cybernetics—Part A: Systems and humans," vol. 32, no. 5, september 2002, pp. 582-595.						
5	Anđelković Saša, Veličković Ivan, Rašić Milan, Đorđević Goran S., Digital compass as heading sensor for hexapod robot, Journal of Automatic Control, 2002, vol. 13, br. 2, str. 11-16						
6	Veljko Potkonjak, Spyros Tzafestas, Dragan Kostić, Goran S. Đorđević, and Milan Rašić, "Illustrating Man-Machine Motion Analogy in Robotics The Handwriting Problem," IEEE Robotics and Automation Magazine, 10(1), 35-46, (2003)						
7	Susan Morton, Goran S. Đorđević, Amy Bastian, "Cerebellar damage produces context-dependent deficits in control of leg dynamics during obstacle avoidance," Experimental Brain Research, May; 156(2):149-163, 2004.						
8	Goran S. Đorđević, Milan Rašić, and Reza Shadmehr, "Locomotion Velocity Parameters of Biologically Inspired Hexapod Robot," Intelligent and Autonomous Systems, vol. 8, pp. 11-20, 2004.						
9	Goran S. Đorđević, Milan Rašić, and Reza Shadmehr, "Parametric models for motion planning and control in biomimetic robotics," IEEE Transactions in Robotics, vol. 21, no.1, pp:80-92, 2005.						
10	Božić, M., Todorović, D., Petković, M., Zerbe, V., and Goran S. Djordjević „Advanced DC Motor Drive for Haptic Devices, Journal "Electronics," 2012, Publisher: Faculty of Electrical Engineering, University of Banja Luka, Vol. 16, Issue 1, pp. 100-103, ISSN:14505843, ( <a href="http://www.electronics.etfbl.net/journal/EL_2012_1_Complete.pdf">http://www.electronics.etfbl.net/journal/EL_2012_1_Complete.pdf</a> )						
11							
12							
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18							
19							
20							
<b>Cumulative data of the scientific activity of the lecturer</b>							

Total number of citations	36	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	17	Number of international projects at which the lecturer currently participates	3
<b>Specializations</b>			
Postdoctoral Studies: Studies in human motor control application with this advanced robot control at The Johns Hopkins University, Baltimore, MD, USA, Department of Biomedical Engineering			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Jankovic, S, Dragan		
<b>Title</b>	Full Professor		
<b>Specific scientific field</b>	Computing		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	26.06.2011.	Faculty of Electronic Engineering, University of Nis	Computing
PhD	12.04.2001.	Faculty of Electronic Engineering, University of Nis	Computing
Diploma	04.11.1991.	Faculty of Electronic Engineering, University of Nis	Computing
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Medical informatics		
2	Signals and systems		
3	Advanced topics in distributed systems		
4	Advanced topics in specialized information systems		
5	Advanced topics in learning technologies		
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Janković, D., Stanković, R.S., Drechsler, R., "Decision diagram method for calculation of pruned Walsh transform", IEEE Transaction on Computers, Vol. 50, No. 2, 2001, 147-157.		
2	Janković, D., Stanković, R.S., Moraga, C., „Optimization of Polynomial Expressions by using the Extended Dual Polarity“, IEEE Transaction on Computers, Vol. 58, No. 12, 2009, pp. 1710-1725.		
3	Stojkovic S., Jankovic D., Stankovic R.S., "An Improved Algorithm for Construction of Decision Diagrams by Rearranging and Partitioning of the Input Cube Set", IEEE Transaction on Computers, August 2010, Vol. 59, No. 8, 1105-1119.		
4	Aleksic, D., Jankovic, D., Stoimenov, L., "A case study on the object-oriented framework for modeling product families with the dominant variation of the topology in the one-of-a-kind production", The International Journal of Advanced Manufacturing technology, Springer, London, Volume 59, Issue 1-4, pp. 397-412, 2012		
5	Spasic, A., Jankovic, D., "Domain Model of Low-Budget First Generation Stereoscopic 3D TV Production, Electronics and Electrical Engineering, 2012. Vol. 119, No.3, , pages 75-80.		
6	Janković, D., Stanković, R.S., Moraga, C., "Implementation Complexity of Algorithms for Optimization of Galois Field Expressions for Multiple-Valued Functions", Journal of Multiple-Valued Logic and Soft computing, Old City Publishing, Vol 13, No 4-6, 2007, 521-536.		
7	Falkowski, B.J., Stanković, R.S., Janković, D., Minimization of circuit design using permutation of Haar wavelet series, Journal of Circuits, Systems and Computers, USA, Vol. 14, No. 3, 2005, 483-495.		
8	Stanković, R.S., Janković, D., Falkowski, B., " Minimization of Haar Wavelet Series and Haar Spectral Decision Diagrams for Discrete Functions", Computers and Electrical Engineering, An International Journal, The Netherlands, vol. 31, no. 3, pp. 203-216, May 2005.		
9	Drechsler, R., Janković, D., Stanković, R.S., "Generic Implementation of Multi-Valued Logic Decision Diagram Packages", Journal .of Multiple-valued Logic and Soft Computing, Old City Publishing, Vol. 11, pp. 1-18, 2005.		
10	Janković, D., Drechsler, R., "Method for Construction of Recursive Algorithms for Reed-Muller-Fourer Polarity Matrices Calculation", Journal of Multiple Valued Logic and Soft Computing, Old City Publishing, Vol. 10, No. 1, 2004, pp. 29-50.		
11	Stanković, M., Janković, D., Stanković, R.S., Falkowski, B., "Calculation of the paired Haar transform through shared binary decision diagrams" Computers and Electrical Engineering, An International Journal, The Netherlands, vol. 29, no. 1, pp. 13-24, January 2003.		
12	Stanković, R.S., Milenović, D., Janković, D., "Some remarks and experiments with Fourier decision diagrams on finite non-Abelian groups", International Journal on Computing Anticipatory Systems, Publ. by CHAOS, Vol. 3, 1999		
13	Cvetkovic, S., Jankovic, D., "A Comparative Study of the Features and Performance of ORM Tools in a.NET Environment", LNCS, Springer-Verlag, Berlin Heidelberg, Vol. 6348, 2010, pp. 147-158		
14	Stankovic, T., Pesic, S., Jankovic, D., "Platform Independent Database Replication Solution Applied to Medical Information System", LNCS, Springer-Verlag, Berlin Heidelberg, Vol. 6295, 2010, pp. 587-590.		
15	Janković, D., "Construction of recursive algorithms for polarity matrices calculation in polynomial logical function representation", Acta Cybernetica, Vol.14, No. 2, 1999., 263-283.		
16	Janković, D., Stanković, R.S., Kecman, S., "Comparison of Kronecker Reed-Muller-Fourier decision diagrams and Kronecker Galois field decision diagrams“, Buletinul Stiintific Seria Automatica si Calculatoare, Transaction on Automatic control and Computer Science, Vol. 43, No. 4, 176-185, 1998		

17	Kecman, S., Stanković, R.S., Janković, D., "Complexity of arithmetic representations of quaternary logic functions ", Buletinul Stiintific Seria Automatica si Calculatoare, Transaction on Automatic control and Computer Science, Vol. 43, No. 4, 1998, 166-175.		
18	Janković, D., Stanković, R.S., Moraga, C., "Dual polarity in optimization of polynomial representation of switching functions", FILOMAT, Vol. 17, 2003, pp. 47-58.		
19	Dragan Janković, Petar Rajković, Tatjana Stanković, Aleksandar Milenković, Ivana Kocic: Application of medical information systems in education and research in medicine, Acta Medica Medianae, vol. 51 - 1, str. – 73-80, 2012.		
20	Vučković, D., Janković, D., Milenković, A., Stanković, T., Rajković, P., "Data Acquisition Methods in Laboratory and Medical Information Systems", FACTA UNIVERSITATIS Series: Automatic Control and Robotics Vol. 10, No 1, 2011, pp. 97-103		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	200	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	15	Number of international projects at which the lecturer currently participates	3
<b>Specializations</b>			
Institute for informatics University of Freiburg (DE); De Montfort University Leicester (UK); Research center of multinational company Siemens; Research center of multinational company Infineon.			
<b>Other data considered relevant</b>			



## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Stojanović, H, Dragan		
<b>Title</b>	Associate Professor		
<b>Specific scientific field</b>	Computing and Informatics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	19.4.2010.	Faculty of Electronic Engineering, University of Nis	Computing and Informatics
PhD	19.7.2004.	Faculty of Electronic Engineering, University of Nis	Computing and Informatics
Diploma	8.7.1993.	Faculty of Electronic Engineering, University of Nis	Computing and Informatics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Advanced topics in distributed systems		
2	Advanced topics in mobile and ubiquitous computing		
3	Advanced topics in specialized information systems		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Bratislav Predić, Dragan Stojanović, "Localized Processing and Analysis of Accelerometer Data in Detecting Traffic Events and Driver Behaviour", Journal of Universal Computer Science Volume 18, Number 9, July 2012., (pp. 1152-1176)		
2	Dragan Stojanović, Apostolos N. Papadopoulos, Bratislav Predić, Slobodanka Djordjević-Kajan, Alexandros Nanopoulos, "Continuous range monitoring of mobile objects in road networks", Data & Knowledge Engineering - Special Issue with Selected Papers from the 8-th International Conference on Enterprise Information Systems (ICEIS), Elsevier Science Publishers B. V. Amsterdam, The Netherlands, Volume 64, Number 1, January 2008., (pp. 77-100)		
3	Eleftherios Tiakas, Apostolos Papadopoulos, Alexandros Nanopoulos, Yannis Manolopoulos, Dragan Stojanović, Slobodanka Djordjevic-Kajan, "Searching for similar trajectories in spatial networks", Journal of Systems and Software, Elsevier, Volume 82, Issue 5, pp. 772-788, 2009		
4	Dragan Stojanović, Slobodanka Djordjević-Kajan, Bratislav Predić, "Incremental Evaluation of Continuous Range Queries over Objects Moving on Known Network Paths", 5th International Workshop on Web and Wireless Geographical Information Systems, Lausanne, Switzerland, Lecture Notes in Computer Science 3833, Springer-Verlag, pp. 168-182, 2005		
5	Bratislav Predić, Dragan Stojanović, Slobodanka Đorđević-Kajan, Aleksandar Milosavljevic, Dejan Rancic, "Prediction of Bus Motion and Continuous Query Processing for Traveler Information Services", 11th East-European Conference on Advances in Databases and Information Systems (ADBIS), Lecture Notes in Computer Science 4690 Springer 2007, Varna, Bugarska, 29.9-3.10.2007, pp. 234-249		
6	Natalija Stojanović, Dragan Stojanović, "High-performance computing in GIS: techniques and applications", International Journal of Reasoning-based Intelligent Systems - IJRIS , <a href="http://www.inderscience.com/jhome.php?jcode=ijris">http://www.inderscience.com/jhome.php?jcode=ijris</a> , accepted for publication 2012		
7	Milos Roganović, Dragan Stojanović, Bratislav Predić, "A Real-Time Traffic Information Service for Efficient Navigation and Transport Management", AGILE 2011 Conference, 18-21 April 2011, Utrecht, The Netherlands		
8	Dragan Stojanović, Miloš Roganović, Bratislav Predić, "Collaborative Mobile Information System for Collection and Delivery of Traffic Information", @WAS ERPAS2010 – 12th iiWAS2010 Conference, November 8-10, 2010, Paris, France, pp. 793-796.		
9	Dragan Stojanović, Slobodanka Đorđević-Kajan, „Internet GIS Application Framework for Location-Based Services Development“, Geographic Information System: An Introduction, Ravi Kumar Jain Bandamutha and Pragati Saxena (eds), Tematski zbornik, Računarstvo, ICFAI University Press, Hyderabad, India, pp. 53-74, 2007, ISBN: 81-314-0725-X		
10	Natalija Stojanovic, Dragan Stojanovic, "High-performance processing of geospatial data on network of workstations", Telsiks 2011 Conference, October 5-8, 2011, pp. 200-203.		
11	Dejan Rancić, Bratislav Predić, Dragan Stojanović, Aleksandar Milosavljević, „Mobile Devices as Personal GIS Client Platforms“, International Journal of Computers, Volume 2, Issue 4, pp. 470-478, 2008, ISSN: 1998-4308		

12	Dragan Stojanović, Slobodanka Đorđević-Kajan, Apostolos Papadopoulos and Aleksandros Nanopoulos: "Monitoring and Tracking Moving Objects in Mobile Environments", Encyclopedia of Mobile Computing and Commerce, IDEA Group Publishing, Volume 2, pp. 660-665, 2007, ISBN: 978-1-59904-002-8
13	Slobodanka Đorđević-Kajan, Dragan Stojanović, Bratislav Predić, "Context Aware Mobile Geographic Information Systems", Encyclopedia of Mobile Computing and Commerce, IDEA Group Publishing, Volume 1, pp. 129-137, 2007, ISBN: 978-1-59904-002-8
14	Context-Aware Mobile and Ubiquitous Computing for Enhanced Usability: Adaptive Technologies and Applications, Editor: Dragan Stojanović („Context-Aware Mobile and Ubiquitous Computing“, Preface, pp. 21-28), IGI Global (an imprint of Information Science Reference), 2009, ISBN-13: 978-160566290-9
15	Leonid Stoimenov, Dragan Stojanović, "An Active, Object-oriented Mediator Based Framework for the Development of GIS Applications", Acta Electrotechnica et Informatica, No. 4, Vol. 2, pp. 11-18, 2002, ISSN 1335-8243.
16	Bratislav Predić, Dragan Stojanović, Slobodanka Djordjević-Kajan, "Developing Context Aware Support in Mobile GIS Framework", 9th AGILE Conference on Geographic Information Science, Visegrad, Hungary, April 2006, AGILE, pp. 90-97,
17	Milan Gocić, Dragan Stojanović, "Service-oriented paradigm for analyzing hydrological processes". Sascha Ossowski, Paola Lecca (Eds.): Proceedings of the ACM Symposium on Applied Computing, SAC 2012, Riva, Trento, Italy, March 26-30, 2012., pp. 1994-1995. ACM 2012.
18	Nikola Davidović, Bratislav Predić, Dragan Stojanović, Ivan Vulić, "Enhancing situation awareness during field operations using mobile GIS", 4th International Scientific Conference on Defensive Technologies – OTEH 2011, 6-7 October 2011, pp. 746-751.
19	Eleftherios Tiakas, Apostolos Papadopoulos, Alexandros Nanopoulos, Yannis Manolopoulos, Dragan Stojanović, Slobodanka Đorđević-Kajan: "Trajectory Similarity Search in Spatial Networks", Proceedings of the 10th International Database Engineering & Applications Symposium (IDEAS 2006), New Delhi, India, 11-14.12.2006, pp. 185-192.
20	Dragan Stojanović, Slobodanka Đorđević-Kajan, Apostolos Papadopoulos and A. Nanopoulos: "Continuous Range Query Processing for Network Constrained Mobile Objects", Proceedings of the 8th International Conference on Enterprise Information Systems (ICEIS 2006), Paphos, Cyprus, May 24-27, 2006, pp. 63-70

**Cumulative data of the scientific activity of the lecturer**

Total number of citations	109	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	5	Number of international projects at which the lecturer currently participates	2

**Specializations**

Visiting researcher (DAAD Research Award) - Fraunhofer Institute for Intelligent Analysis and Information Systems - IAIS, Germany 1999-2000.

**Other data considered relevant**


## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Milovanović I. Emina	
<b>Title</b>		full professor	
<b>Specific scientific field</b>		computer science	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	30.10. 2003	Faculty of Electronic Engineering	computer science
PhD	19.03.1993	Faculty of Electronic Engineering	computer science
Diploma	20.06. 1981	Faculty of Electronic Engineering	computer science
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Advanced topics in distributed systems		
2	Design and analysis of parallel algorithms		
3	Advanced topics in fault tolerant system design		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	I. Ž. Milovanović, E. I. Milovanović, M. K. Stojčev, M. P. Bekakos, Orthogonal fault-tolerant systolic arrays for matrix multiplication, , Microelectronics Reliability, Vol. 51, 3 (2011), 711-725., ISSN 0026-2714		
2	I. Ž. Milovanović, E. I. Milovanović, M. K. Stojčev, A class of fault-tolerant systolic arrays for matrix multiplication, Math. Comput. Modelling, Vol. 54, 1-2 (2011), 140-151, ISSN 0895-7177		
3	M. K. Stojčev, I. Ž. Milovanović, E. I. Milovanović, T. R. Nikolić, Address generators for linear systolic array, , Microelectronics Reliability, Vol. 50, 2 (2010), 292-303, ISSN 0026-2714		
4	I. Ž. Milovanović, M. P. Bekakos, I. N. Tselepis, E. I. Milovanović, Forty-three ways of systolic matrix multiplication, International J. Comput. Math., Vol. 87, 6 (2010), 1264-1276, ISSN 0010-7160		
5	E. I. Milovanović, M. P. Bekakos, I. Ž. Milovanović, Synthesis of space optimal systolic arrays for band matrix-vector multiplication, J. Supercomputing, Vol. 49, 3 (2009), 269-290, ISSN 0920-8542.		
6	E. I. Milovanović, T. R. Nikolić, M. K. Stojčev, I. Ž. Milovanović, Multifunctional systolic arrays with reconfigurable micropower processing elements, Microelectronics Reliability, Vol. 49, 7 (2009), 813-820, ISSN0026-2714.		
7	E.I.Milovanović, I. Ž. Milovanović, M. P. Bekakos, I. N. Tselepis, <i>Computing all-pairs shortest paths on a linear systolic array and hardware realization on reprogrammable FPGA platform</i> , J. Supercomputing, Vol. 40, 1 (2007), 49-66, ISSN 0920-8542.		
8	I.Ž. Milovanović, E.I. Milovanović, M.P. Bekakos, <i>Synthesis of a Unidirectional Systolic Array for Matrix-Vector Multiplication</i> , Math. Computing Modelling, Vol. 43, 5-6 (2006), 612-61, ISSN 0920-85429.		
9	N.M. Stojanović, E.I. Milovanović, I. Stojmenovic, I.Ž. Milovanović, T.I. Tokic, <i>Mapping Matrix Multiplication Algorithm onto Fault-Tolerance Systolic Array</i> , Comput. Math. Appl, Vol. 48 (2004), 275-289, ISSN 0898-1221.		
10	E.I. Milovanović, M.K. Stojčev, N.M. Novakovic, I.Ž. Milovanović, T.I. Tokic, <i>Matrix-Vector Multiplication on Fixed-Size Linear Systolic Array</i> , Comput. Math. Appl, 40(2000), 1189-1203, ISSN 0898-1221.		
11	M.K. Stojčev, G.L. Djordjevic, E.I. Milovanović, I.Ž. Milovanović, <i>Data Reordering Converter: An Interface Block in a Linear Chain of Procession Arrays</i> , Microelectronics Journal, Vol. 31, 1(2000), 23-37, ISSN 0026-2692.		
12	I. Z. Milentijevic, I.Ž. Milovanović, E.I. Milovanović, M.B. Tosic, M.K. Stojčev, <i>Two-Level Pipelined Systolic Arrays for Matrix-Vector Multiplication</i> , J. Systems Architecture, 44 (1998), 383-387, ISSN 1383-7621.		
13	E.I. Milovanović, I. Z. Milentijevic, I.Ž. Milovanović, Designing of processor-time optimal hexagonal systolic array for matrix multiplication, Comput. Arti. Intell., Vol. 16, 1 (1997), 1-11, ISSN 0232-0274		
14	I.Z. Milentijevic, I.Ž. Milovanović, E.I. Milovanović, M.K. Stojcev, <i>The Design of Optimal Planar Systolic Arrays for Matrix Multiplication</i> , Computers Math. Appl., Vol. 33, 6(1997), 17-35, ISSN 0898-1221.		
15	I.Ž. Milovanović, E.I. Milovanović, I.Z. Milentijevic, M.K. Stojcev, Designing of processor-time optimal systolic arrays for band matrix-vector multiplication, Comput. Math., Appl., Vol. 32, 2 (1996), 21-31, ISSN 0898-1221		
16	I.Ž. Milovanović, E.I. Milovanović, M.K. Stojcev, <i>Matrix Inversion Algorithm for Linear Array Processor.</i> , Math. Comput. Modelling, Vol. 16, 12(1992), 133-141, ISSN 0895-7177		
17	E.I. Milovanović, I.Ž. Milovanović, M.K. Stojcev, G.S. Jovanovic, <i>Fault-Tolerant Matrix Inversion on Processor Array</i> , Electronics Letters, Vol. 23, 13(1992), 1206-1208, ISSN0013-5194.		

18	E.I. Milovanović, M.K. Stojcev, I.Ž. Milovanović, <i>Two Processor System for LU Factorization of Fivediagonal Matrix</i> , Inter. J. Electronics, Vol. 70 (1991), 11-22, ISSN 020-7217.		
19	M.K. Stojcev, E.I. Milovanović, I.Ž. Milovanović, <i>An Algorithm for Multiplication of Concatenated Matrices</i> , Parallel Comput., Vol. 13 (1990), 211-223, ISSN 0167-8191.		
20	I.Ž. Milovanović, E.I. Milovanović, M.K. Stojčev, <i>An Optimal Algorithm for Gaussian Elimination of Band Matrices on a MIMD Computer</i> , Parallel Comput., Vol. 15 (1990), 133-145, ISSN 0167-8191.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	81	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	55	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Milentijevic Z. Ivan	
<b>Title</b>		Full Professor	
<b>Specific scientific field</b>		Computer Science	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	8.9.2008.	Faculty of Electronic Engineering, Niš	Computer Science
PhD	20.3.1997.	Faculty of Electronic Engineering, Niš	Computer Science
Diploma	9.11.1989.	Faculty of Electronic Engineering, Niš	Computer Science
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Methodologies for representation and implementation of future computer technologies		
2	Advanced Topics in Computer Hardware Design		
3	Advanced Topics in Learning Technologies		
4	Advance Topics in Fault Tolerant System Design		
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	I. Milentijevic, V. Ciric, O. Vojinovic: "VERSION CONTROL IN PROJECT-BASED LEARNING", Computers&Education, An Internation Journal, Elsevier Science, Vol. 50, Issue 4, May 2008, 2006.12.010, pp. 1331-1338.		
2	V. Ciric, I. Milentijevic: "CONFIGURABLE FOLDED ARRAY FOR FIR FILTERING", Journal of Systems Architecture, An Internation Journal, Elsevier Science, Vol. 54, Issue 1-2, January/February 2008, pp. 177-196.		
3	V. Ciric, J. Kolokotronis, I. Milentijevic: "PARTIAL ERROR-TOLERANCE FOR BIT-PLANE FIR FILTER ARCHITECTURE", International Journal of Electronics and Communication (AEU), Eesvier Science, Vol. 63, 5/2009, ISSN: 1434-8411, pp. 398-405.		
4	Vladimir Ciric, Aleksandar Cvetkovic, Ivan Milentijevic, "YIELD ANALYSIS OF PARTIAL DEFECT TOLERANT BIT-PLANE ARRAY", Elsevier, Computers and Mathematics with Applications, ISSN: 0898-1221, Volume 59, Number 1, January 2010, pp. 98-107.		
5	Kristijan Kuk, Ivan Milentijevic, Dejan Rancic, Petar Spalevic, "PEDAGOGICAL AGENT IN MULTIMEDIA INTERACTIVE MODULES FOR LEARNING – MIMLE", Expert Systems with Applications, Volume 39, Issue 9, July 2012, pp. 8051–8058.		
6	I.Z.Milentijević, I.Z.Milovanović, E.I.Milovanović, M.B.Tošić, M.K.Stojčev, "TWO-LEVEL PIPELINED SYSTOLIC ARRAYS FOR MATRIX-VECTOR MULTIPLICATION", Journal of Systems Architecture, The Euromicro Journal, Vol. 44, No. 5, pp. 383-388, 1998		
7	E.I.Milovanović, I.Z.Milentijević, I.Ž.Milovanović, "DESIGNING OF PROCESSOR-TIME OPTIMAL HEXAGONAL SYSTOLIC ARRAY FOR MATRIX MULTIPLICATION", Computers and Artificial Intelligence, Vol. 16, No. 1, pp. 1-11, 1997		
8	I.Z.Milentijević, I.Ž.Milovanović, E.I.Milovanović, M.K.Stojčev, "THE DESIGN OF OPTIMAL PLANAR SYSTOLIC ARRAYS FOR MATRIX MULTIPLICATION", Computers Mat. Applic., Vol. 33, No. 6, pp.17-35, 1997.		
9	I.Z.Milentijević, M.K.Stojčev, D.M.Maksimović, "CONFIGURABLE DIGIT-SERIAL CONVOLVER OF TYPE F", Microelectronics Journal, Vol. 27, No 6, pp. 559-566, September 1996.		
10	I.Ž.Milovanović, E.I.Milovanović, I.Z.Milentijević, M.K.Stojčev, "DESIGNING OF PROCESSOR-TIME OPTIMAL SYSTOLIC ARRAYS FOR BAND MATRIX-VECTOR MULTIPLICATION", Computers Math. Applic., Vol. 32, No. 2, pp. 21-31, 1996.		
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<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	86	Number of domestic projects at which the lecturer currently participates	1



Total number of papers at the SCI (SSCI) list	11	Number of international projects at which the lecturer currently participates	4
<b>Specializations</b>			
University of British Columbia, Okanagan, Kelowna, Canada, 2006. Technical University of Dortmund, Germany, 2004.			
<b>Other data considered relevant</b>			
Member of Commission for accreditation and quality assurance, Republic of Serbia			
Member of Scientific board for electronics, telecommunications and information technologies			
Member of Interdisciplinary scientific board for ICT			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Petkovic M Ivan		
<b>Title</b>	docent		
<b>Specific scientific field</b>	Computing and Informatics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	25.02.2013	Faculty of Electronic Engineering of Niš	Computer science and informatics
PhD	02.02.2012	Faculty of Electronic Engineering of Niš	Computer science and informatics
Diploma	15.08.2002	Faculty of Electronic Engineering of Niš	Computer science and informatics

### List of courses the lecturer holds at study programs of doctoral studies

Number	The name of the course
1	Future Internet
2	
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### The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)

1	I. Petković, Computational efficiency of some combined methods for polynomial equations, Appl. Math. Comp. 204 (2008), 949-956
2	M. S. Petković, Đ. Herceg, I. Petković, On a simultaneous method of Newton-Weierstrass' type for finding all zeros of a polynomial, Appl. Math. Comput. 215 (2009), 2456-2463
3	M. S. Petković, D. M. Milošević, I. Petković, On the improved Newton-like methods for the inclusion of polynomial zeros, Intern. J. Comput. Math. 87 (2010), 1726-1735.
4	I. Petković, Computational aspects of the implementation of disk inversion, Reliable Computing 15 (2011) 81-90.
5	M. Petković, S. Ilić, I. Petković: A posteriori error bound methods for the inclusion of polynomial zeros, Journal of Computational and Applied Mathematics 208 (2007), 316-330
6	23. I. Petković, V. Petković, Interval matrix models of design iteration, Proc. IEEE International Conference on Electronics and Information Engineering, Kyoto 2010, vol.1, str. 20-24
7	I. Petković, M. Stanković, M. Rajković, P. Rajković: Integration of Object Oriented Web and Centura CMS, ICEST 2005
8	M. Stanković, M. Rajković, I. Petković, P. Rajković: Education Supported by Content Management Systems, Dekus, Ohrid 2004
9	I. Petković, V. Petković: Web application user interface design, Proc. on X Conf. on Computer Science & Information Technologies YU INFO (electronic edition), YU INFO (electronic edition), Kopaonik, Mart 2004
10	I. Petković, Risk Management using Dependency Structure Matrix, Symposium on Computer Languages, Implementations and Tools, ICNAAM 2011
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### Cumulative data of the scientific activity of the lecturer

Total number of citations	10	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	5	Number of international projects at which the lecturer currently participates	1

### Specializations

**Other data considered relevant**

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Scientific qualifications of lecturers at doctoral studies and their teaching duties</b>			
<b>Last name, middle letter, first name</b>		Jevtić S. Milun	
<b>Title</b>		Full Professor	
<b>Specific scientific field</b>		Electronics	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	21.10.2004.	University of Niš, Faculty of Electronic Engineering	Electronics
PhD	25.11.1988	University of Niš, Faculty of Electronic Engineering	Electronics
Diploma	18.04.1974.	University of Niš, Faculty of Electronic Engineering	Electronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Digital Systems		
2	Real Time System Design		
3			
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<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	S. Đošić, M. Jevtić, Dynamic Voltage and Frequency Scaling Algorithm for Fault-Tolerant Real-Time Systems, Microelectronics Reliability, DOI: 10.1016/j.microrel.2013.03.012		
2	DESIGNING RELIABLE MICROCOMPUTER SYSTEMS, Monography (in serbian), Faculty of Electronic Engineering, Niš, 2004. ISBN 86-80135-94-1		
3	B. Jovanović, M. Jevtić: Methods for Power Minimization in Modern VLSI Circuits, Int. J. Reasoning-based Intelligent Systems, Vol. 4, Nos. 1/2, pp. 46-57, Apr. 2012.		
4	Sandra Đošić, Milun Jevtić, „Analysis of transient fault tolerance in hard real-time systems with time redundancy“ Facta Universitatis, Series: Automatic control and robotics, vol. 8, no 1, 2009, pp. 149-163.		
5	B. Jovanović, M. Jevtić: FPGA implementation of a hybrid on-line process monitoring in PC based Real-Time systems, Serbian Journal of Electrical Engineering (SJEE), Vol. 8, No. 1, June, 2011, pp. 37-51, DOI: 10.2298/SJEE1101037J		
6	Sandra Đošić, Milun Jevtić, „ONE REALIZATION OF SWITCHED ETHERNET FAULT TOLERANT COMMUNICATION“ Facta Universitatis, Series: Automatic control and robotics, vol. 10, no 1, 2011, pp. 115-123.		
7	Milun Jevtić, Milunka Damjanović, "DESIGN FOR TESTABILITY OF REAL-TIME SYSTEMS FOR INDUSTRIAL PROCESS CONTROL", FACTA UNIVERSITATIS SERIES AUTOMATIC CONTROL AND ROBOTICS, Vol.8, No 1, 2009 pp. 45 - 65 UDC 621.11 681.5, ISSN 1820-6417		
8	M. Jevtić, W. Weber, B. Đorđević, "A DATABASE FOR INTEGRATED DESIGN OF MICROCOMPUTER BASED SYSTEMS", Facta Universitatis, Series: Electronics and Energetics, Vol.4, No.1., 1991. pp.13-27		
9	Milun Jevtić, Marko Cvetković, Sandra Brankov, "Task Execution in Real-Time Systems for Industrial Control and Monitoring", Electronics, vol. 6, no. 2 december 2002, pp. 56-61.		
10	B. Đorđević, M. Jevtić, M. Damjanović, "Digital Real-Time Systems Testing" - "Charisma, Evidenz und Caritas", Gerd Nowack (Hrsg.), S. A31-A40, ISBN 3-00-002194-9, Bochum 1997		
11	V.S.Stojanović and M.S.Jevtić, "Design filters with prescribed time response and Chebyshev stopband attenuation", Int.J.Electronics, VOI.49, No 6, 1980, pp.447-463.		
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<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	29	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	4	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			

1983. - 85. (15 m.) RUHR University Bochum

**Other data considered relevant**


## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Jovanović D. Zoran		
<b>Title</b>	Associate Professor		
<b>Specific scientific field</b>	Control Systems		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	30.06.2011.	University of Niš, Faculty of Electronic Engineering, Niš	Control Systems
PhD	03.07.2006.	University of Niš, Faculty of Electronic Engineering, Niš	Control Systems
Diploma	01.06.1984.	University of Niš, Faculty of Electronic Engineering, Niš	Power Systems
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Computer controlled systems		
2	Distributed computer control		
3			
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<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Bratislav Danković, Saša Nikolić, Marko Milojković, Zoran Jovanović, "A Class of Almost Orthogonal Filters", Journal of Circuits, Systems, and Computers, vol. 18, no. 5, (2009), pp. 923-931. Print ISSN: 0218-1266, Publisher: World Scientific Publishing Company.		
2	Marko Milojković, Saša Nikolić, Bratislav Danković, Dragan Antić, Zoran Jovanović, "Modelling of Dynamical Systems Based on Almost Orthogonal Polynomials", Mathematical and Computer Modelling of Dynamical Systems, vol. 16, no. 2, (2010), pp. 133-144. Print ISSN: 1387-3954, Publisher: Taylor & Francis		
3	Dragan Antić, Marko Milojković, Zoran Jovanović, Saša Nikolić, "Optimal Design of the Fuzzy Sliding Mode Control for a DC Servo Drive", Strojniški vestnik - Journal of Mechanical Engineering, vol. 56, no. 7-8, (2010), pp. 455-463. Print ISSN: 0039-2480. Publisher: Association of Mechanical Engineers of Slovenia (AMES)		
4	Saša Nikolić, Dragan Antić, Bratislav Danković, Marko Milojković, Zoran Jovanović, Staniša Perić, "Orthogonal Functions Applied in Antenna Positioning", Advances in Electrical and Computer Engineering, vol. 10, no. 4, (2010), pp. 35-42. Print ISSN: 1582-7445, Publisher: Faculty of Electrical Engineering and Computer Science, Stefan cel Mare University of Suceava, Romania		
5	Dragan Antić, Saša Nikolić, Marko Milojković, Nikola Danković, Zoran Jovanović, Staniša Perić, "Sensitivity Analysis of Imperfect Systems Using Almost Orthogonal Filters", Acta Polytechnica Hungarica, vol. 8, no. 6, (2011), pp. 79-94. Print ISSN: 1785-8860, Publisher: Óbuda University, Hungary.		
6	Dragan Antić, Bratislav Danković, Saša Nikolić, Marko Milojković, Zoran Jovanović, "Approximation Based on Orthogonal and Almost Orthogonal Functions", Journal of the Franklin Institute, vol. 349, no. 1, (2012), pp. 323-336. Print ISSN: 0016-0032, Publisher: Elsevier Ltd.		
7	Dragan Antić, Zoran Jovanović, Vlastimir Nikolić, Marko Milojković, Saša Nikolić, Nikola Danković, "Modeling of Cascade-Connected Systems Using Quasi-Orthogonal Functions", Electronics and Electrical Engineering, vol. 18, no. 10, (2012), pp. 3-8. Print ISSN: 1392-1215, Publisher: Kaunas University of Technology.		
8	Zoran Jovanović, Bratislav Danković, "On the Probability Stability of Discrete-Time Control Systems", Facta Universitatis, Series: Electronics and Energetics, Vol. 17, No. 1, April 2004, pp. 11-20, Print ISSN: 0353-3670, Publisher: University of Niš.		
9	Darko B. Mitić, Staniša Lj. Perić, Dragan S. Antić, Zoran D. Jovanović, Marko T. Milojković, Saša S. Nikolić, "Digital Sliding Mode Control of Anti-Lock Braking System", Advances in Electrical and Computer Engineering, vol. 13, no. 1, (2013), pp. 33-40. Print ISSN: 1582-7445, Publisher: Faculty of Electrical Engineering and Computer Science, Stefan cel Mare University of Suceava, Romania.		
10	Marko T. Milojković, Dragan S. Antić, Saša S. Nikolić, Zoran D. Jovanović, Staniša Lj. Perić, "On a New Class of Quasi-orthogonal Filters", International Journal of Electronics, Print ISSN: 0020-7217, Publisher: Taylor & Francis.		
11	Bratislav Danković, Zoran Jovanović and Dragan Antić, "Peak Power Optimization Based On Nonlinear Prediction And Fuzzy Logic", Facta Universitatis, Series: Electronics and Energetics, Vol. 18, No. 3, December 2005, pp. 431-437, Print ISSN: 0353-3670, Publisher: University of Niš.		



12	Bratislav Danković, Zoran Jovanović, "On the Reliability of Discrete-Time Control Systems with Random Parameters", Quality Technology and Quantitative Management, Vol.2, No.1, pp 53-63, 2005.		
13	Bratislav Danković, Zoran Jovanović and Dragan Antić, "Reliability Estimation of the Discrete-Time Control Systems with Random Parameters", Acta Electrotehnica et Informatica, No. 4, Vol. 5, 2005, pp. 18-24.		
14	Bojana Vidojković, Zoran Jovanović, Marko Milojković, "The Probability Stability Estimation of the System Based on the Quality of the Components", Facta Universitatis, Series: Electronics and Energetics, Vol. 19, No. 3, December 2006, pp. 385-391, Print ISSN: 0353-3670, Publisher: University of Niš.		
15	Bratislav Danković, Dragan Antić, Zoran Jovanović, Saša Nikolić, and Marko Milojković, "Systems Modeling Based on Rational Functions", Scientific Bulletin of UPT, Transactions on Automatic Control and Computer Science, vol. 54(68), no. 4, (2009), pp. 149-154. Print ISSN: 1224-600X, Editura "Politehnica", decembar 2009.		
16	Bratislav Danković, Dragan Antić, Zoran Jovanović, Darko Mitić, "Sensitivity - Identifiability Correlation of Dynamical Systems", Scientific Bulletin of UPT, Transactions on Automatic Control and Computer Science, vol. 55(69), no. 3, (2010), pp. 109-116. Print ISSN: 1224-600X, Editura "Politehnica", septembar 2010.		
17	Dragan Antić, Zoran Jovanović, Staniša Perić, Saša Nikolić, Marko Milojković, Miloš Milošević, "Anti-Swing Fuzzy Controller Applied in 3D Crane System", Engineering, Technology & Applied Science Research - ETASR, vol. 2, no. 2, (2012), pp. 196-200. Print ISSN: 1792-8036, Publisher: ETASR, Greece, April 2012		
18	Saša Nikolić, Dragan Antić, Staniša Perić, Zoran Jovanović, Marko Milojković, "Almost Orthogonal Functional Networks Applied in Approximation of Signals", International Journal of Science and Advanced Technology - IJSAT, vol. 2, no. 2, (2012), pp. 108-112. Print ISSN: 2221-8386, Publisher: IJSAT, Bangladesh, February 2012.		
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<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	96	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	9	Number of international projects at which the lecturer currently participates	5
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Scientific qualifications of lecturers at doctoral studies and their teaching duties</b>			
<b>Last name, middle letter, first name</b>		Jovanović S. Goran	
<b>Title</b>		Associate professor	
<b>Specific scientific field</b>		Electronics	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	29.05.2012	Faculty of Electronic Engineering Niš	Electronics
PhD	08.06.2006	Faculty of Electronic Engineering Niš	Electronics
Diploma	10.07.1989	Faculty of Electronic Engineering Niš	Electronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	RF integrated circuits		
2	RF systems architectures		
3			
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<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	<b>Goran S. Jovanović</b> , Darko B. Mitić, Mile K. Stojčev and Dragan S. Antić, "Self-Tuning Biquad Band-Pass Filter", Journal of Circuits, Systems, and Computers, World Scientific Publishing Company, Vol. 22, No. 3, pp. 1-19, 2013.		
2	<b>Goran Jovanović</b> , Mile Stojčev, Tatjana Nikolić, "Clock jitter generator with picoseconds resolution", International Journal of Electronics, [Accept for publication] DOI: <a href="http://dx.doi.org/10.1080/00207217.2012.720953">http://dx.doi.org/10.1080/00207217.2012.720953</a> ;		
3	<b>Goran S. Jovanović</b> , Darko B. Mitić, Mile K. Stojčev, Dragan S. Antić, "Phase-Synchronizer Based on gm–C All–Pass Filter Chain", Advances in Electrical and Computer Engineering, Vol. 12, No 1, pp. 39-44, 2012.		
4	Mile Stojčev and <b>Goran Jovanović</b> , "Clock aligner based on delay locked loop with double edge synchronization", Microelectronics Reliability, Vol. 48, No. 1, pp. 158–166, January 2008.		
5	<b>G. Jovanović</b> , D. Mitić, M. Stojčev, An adaptive pulse-width control loop, International Journal of Electronics, pp. 291 - 311, Vol. 93, No. 5, May 2006.		
6	<b>G. S. Jovanović</b> and M. K. Stojčev, Current starved delay element with symmetric load, International Journal of Electronics, pp. 167-175, Vol. 93, No 3, March 2006.		
7	E. I. Milovanović, I. Ž. Milovanović, M. K. Stojčev, <b>G. S. Jovanović</b> , Fault-Tolerant Matrix Inversion on Processor Array, Electronics Letters, vol. 28, No. 13, pp. 1206-1208, 1992.		
8	<b>G. S. Jovanović</b> , T. R. Nikolić, M. K. Stojčev, "Interconnection Architecture Based on PAM and CDMA Signaling Technique", Scientific Publications of the State University of Novi Pazar ser. A: Appl. Math. Inform. and Mech. Vol. 5, No. 1, pp. 35-47, 2013.		
9	<b>Goran Jovanović</b> , Mile Stojčev, Tatjana Nikolić, Zoran Stamenković, "Programmable jitter generator based on voltage controlled delay line", Scientific Publications of the State University of Novi Pazar ser. A: Appl. Math. Inform. and Mech. Vol. 4, No 1, pp. 61–73, 2012.		
10	<b>Goran Jovanović</b> , Mile Stojčev and Tatjana Nikolić, "Programmable jitter generator", Int. J. Reasoning-based Intelligent Systems, Vol. 4, Nos. 1/2, pp. 39-45, 2012.		
11	<b>Goran S. Jovanović</b> , Darko B. Mitić, Mile K. Stojčev and Dragan S. Antić, "Delay Locked Loop Clock Generator in Low Power VLSI IC Design", Transactions on AUTOMATIC CONTROL and COMPUTER SCIENCE, Vol. 56 (70), No. 4, pp. 131-136, December 2011.		
12	<b>G. S. Jovanović</b> , M. K. Stojčev, Z. Stamenković, A CMOS Voltage Controlled Ring Oscillator with Improved Frequency Stability, Scientific Publications of the State University of Novi Pazar ser. A: Appl. Math. Inform. and Mech. Vol. 2, pp. 1–9, No 1, 2010.		
13	<b>G. S. Jovanović</b> , M. K. Stojčev, „Vernier’s Delay Line Time–to–Digital Converter“, Scientific Publications of the State University of Novi Pazar ser. A: Appl. Math. Inform. and Mech. Vol. 1, pp. 11–20, No 1, 2009.		
14	<b>Goran S. Jovanović</b> , Mile K. Stojčev, Voltage Controlled Delay Line for Digital Signal, Facta Universitatis, Series: Electronics and Energetic, vol 16. No. 2, pp. 215-232, August 2003.		
15	Marina M. Paunović, Dragiša V. Krstić, <b>Goran S. Jovanović</b> , Choke Inductor Value Influence on the Frequency Response and Amplitude Modulation Characteristics of the Class E Power Amplifier, Facta Universitatis Niš, Series: Electronics and Energetic, vol 12. No 1, pp. 41-53, 1999.		
16			
17			
18			
19			

**Cumulative data of the scientific activity of the lecturer**

Total number of citations	40	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	7	Number of international projects at which the lecturer currently participates	0

**Specializations**

Two study visits (2009 and 2010) at "IHP - Innovations for High Performance Microelectronics," Frankfurt (Oder), Germany.

**Other data considered relevant**

Permanent reviewer in SCI list journals: IEEE Transactions on Circuits and Systems, International Journal of Electronics, Journal of Circuits, Systems and Computers and at several international conferences.


## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Stoimenov, V., Leonid		
<b>Title</b>	Associate Professor		
<b>Specific scientific field</b>	Computer Science		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	09.03.2009	Faculty of Electronic Engineering, Niš	Computer Science
PhD	29.09.2003	Faculty of Electronic Engineering, Niš	Technical Sciences
Diploma	21.06.1992	Faculty of Electronic Engineering, Niš	Computer Science
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Advanced Topics in Data and Knowledge Engineering		
2	Advanced Topics in Intelligent Systems		
3	Advanced Topics in Educational Technologies		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	L.Stoimenov, Mediation and Ontology-based Framework for Interoperability, Chapter LIII, In V. E. Ferragline, J.H. Doorn, L.C. Rivero (Eds.) Handbook of Research on Innovations in Database Technologies and Applications: Current and Future Trends (2-volumes), ISBN: 978-1-60566-242-8, Publisher: Information Science Reference, February 2009, Pages: 1,124, pp. 491-507.		
2	Kajan E., Stoimenov L., "Towards Ontology-Driven Architectural Framework for B2B", Communication of the ACM, Volume 48 , Issue 12 (December 2005), SPECIAL ISSUE: The semantic e-business vision, Pages: 60 – 66.		
3	Veljković, N, Bogdanović-Dinić, S, Stoimenov, L (2012).Web 2.0 as a Technological Driver of Democratic, Transparent and Participatory Government, In: Web 2.0 Technologies and Democratic Governance, Public Administration and Information Technology, Editors: Christopher G. Reddick, Stephen K. Aikins, Volume 1, Springer, 2012, pp 137-151, ISBN13: 978-1-4614-1447-6, <a href="http://rd.springer.com/chapter/10.1007/978-1-4614-1448-3_9">http://rd.springer.com/chapter/10.1007/978-1-4614-1448-3_9</a>		
4	Bogdanović., M., Veljković., N., Stoimenov., L., (2012) Spatial Sensor Web for the Prediction of Electric Power Supply System Behaviour, Bridging the Geographic Information Science, Gensel J., Josselin D., i Vandenbroucke D. (editors), Lecture Notes in Geoinformation and Cartography, 2012, pp 81-98, ISSN: 1862-2246, ISBN: 978-3-642-29062-6, DOI: 10.1007/978-3-642-29063-3, Springer-Verlag Berlin Heidelberg 2012		
5	Aleksic D., Jankovic D., Stoimenov L., A case study on the object-oriented framework for modeling product families with the dominant variation of the topology in the one-of-a-kind production, INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, (2012), vol. 59 br. 1-4, str. 397-412.		
6	Stanimirović A., Bogdanović M., Stoimenov L., "Methodology and intermediate layer for the automatic creation of ontology instances stored in relational databases", Software: Practice and Experience, 2013, 43: 129-152, DOI: 10.1002/spe.2103 (M23, IF: 0.519).		
7	Sukic E., Stoimenov L, The Use of Web Mapping Services for Designing e-City Government Web Portals, Technics Technologies Education Management-TTEM, (2012), vol. 7 br. 2, str. 875-881 (M23, Impact Factor: 0.351)		
8	Velikic G., Sukic E., Jevtovic-Stoimenov T., Bocko M.F., Stoimenov L., Pentland A., Ongoing Diagnostics Mapped: From An Individual To The Community Health Index, HealthMed, Journal of Society for development in new net environment in B&HVol.6, Number 9, November 2012, ISSN 1840-2291, pp.3152-3157 (M23, Impact Factor: 0.435)		
9	Nataša Veljković, Sanja Bogdanović-Dinić, Leonid Stoimenov (2012). Building E-Government 2.0 - A Step Forward in Bringing Government Closer to Citizens, Journal of e-Government Studies and Best Practices, IBIMA Publishing, Vol. 2012, pp. 18, ISSN: 2155-4137, <a href="http://www.ibimapublishing.com/journals/JEGSBP">http://www.ibimapublishing.com/journals/JEGSBP</a> , 10.5171/2012/770164		
10	Nataša Veljković, Igor Antolović, Leonid Stoimenov (2012).Visual Analysis in Reference Management Software, Applied Mechanics and Materials: Applied Sciences and Engineering, Trans Tech Publications, Switzerland, Vol. 197, pp. 633-637, ISBN: 978-3-03785-472-3, <a href="http://www.ttp.net/978-3-03785-472-3.html">http://www.ttp.net/978-3-03785-472-3.html</a> , doi:10.4028/www.scientific.net/AMM.197.633		
11	Stoimenov L., Đorđević-Kajan S., "An Architecture for Interoperable GIS Use in a Local Community Environment", Computers & Geoscience, Elsevier, 2005, Vol. 31, No. 2, March 2005, pp.211-220		

12	L.Stoimenov, Geographic Information Interoperability in local community environment, book chapter, In Ravi Kumar Jain B, Pragathi Saxena (Eds.) Geografic Information System, An Introduction, The Icfai University Press, 2007, ISBN 81-314-0725-X, pages 38-52.		
13	Bogdanović, M., Stanimirović, A., Stoimenov, L. (2011) Ginis MvcGen – the missing link between GIServices and Web GIS framework, TTEM - Technics Technologies Education Management, Vol. 6, No:3, pp. 682-691, ISSN:1840-1503 (IF: 0.256)		
14	Dzunic Z, Stoimenov L, Dzunic M., Trust in eLearning Systems Based on Virtual Community of Practice, TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, (2011), vol. 6 br. 4, str. 1235-1245 (Impact Factor: 0.351)		
15	Sukic E., Stoimenov L, The Use of Web Mapping Services for Designing e-City Government Web Portals, TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, (2012), vol. 7 br. 2, str. 875-881 (Impact Factor: 0.351)		
16	Velikic G., Sukic E., Jevtovic-Stoimenov T., Bocko M.F., Stoimenov L., Pentland A., ONGOING DIAGNOSTICS MAPPED: FROM AN INDIVIDUAL TO THE COMMUNITY HEALTH INDEX, HealthMed, Journal of Society for development in new net environment in B&HVol.6, Number 9, November 2012, ISSN 1840-2291, pp.3152-3157		
17	Stoimenov L., Stanimirović A., Đorđević-Kajan S., "Interoperable Component-based GIS Application Framework", Acta Electrotechnica et Informatica, ISSN 1335-8243, Faculty of Electrical Engineering and Informatics of Technical University of Košice, No. 4, Vol. 4, 2004, pp. 25-31.		
18	Stoimenov L., Đorđević-Kajan S., "Framework for Semantic GIS Interoperability", FACTA Universitatis (Niš), Series Mathematics and Informatics, Vol.17 (2002), pp.107-125.		
19	Stoimenov., L.,Davidović., N.,Stanimirović., A.,Bogdanović., M.,Krstić., A.,Nikolić., D.(2011). GinisED Enterprise GIS - Framework for the Utility of the Future, CIRED 2011, Frankfurt, Germany, 6-9. June, ISSN:2032-9644, www.cired2011.org		
20	Stoimenov L., E. O. Kajan, S. Djordjevic-Kajan, Ontology-Driven Semantic Interoperability, International Review on Computers and Software, 2006, ISSN: 1828-6003, Vol:1, No: 2, pp. 132-136		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	150	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	9	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
<b>Other data considered relevant</b>			
CG&GISLab Representative in AGILE association of GIS Lab in Europe			



## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>				Mančić D. Dragan
<b>Title</b>				Full professor
<b>Specific scientific field</b>				Electronics
<b>Academic career</b>				
	<b>Date</b>	<b>Institution</b>	<b>Field</b>	
Election	27.02.2013.	Faculty of Electronic Engineering	Electronics	
PhD	13.12.2002.	Faculty of Electronic Engineering	Electronics	
Diploma	05.07.1991.	Faculty of Electronic Engineering	Electronics	
<b>List of courses the lecturer holds at study programs of doctoral studies</b>				
<b>Number</b>	<b>The name of the course</b>			
1	Power Electronics			
2	Ultrasonic Technique			
3				
4				
5				
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>				
1	M.Radmanović, D.Mančić: "Design and Modeling of the Power Ultrasonic Transducers", MP Interconsulting, Le Locle, Switzerland, 198 pages, 2004.			
2	D.Mančić, G.Stančić: "New Three-dimensional Matrix Models of the Ultrasonic Sandwich Transducers", Journal of Sandwich Structures & Materials, Vol. 12, No. 1, pp. 63-80, January 2010.			
3	D.Mančić, V.Paunović, M.Vijatović, B.Stojanović, Lj.Živković: "Electrical Characterization and Impedance Response of Lanthanum Doped Barium Titanate Ceramics", Science of Sintering, Vol. 40, No. 3, pp. 283-294, Sept-Dec. 2008.			
4	Lj.Živković, B.Stojanović, C.R.Foschini, V.Paunović, D.Mančić: "Effects of Powder Preparation and Sintering Procedure on Microstructure and Dielectric Properties of PLZT Ceramics", Science of Sintering, Vol. 35, No 3, pp. 133-140, Sep.-Dec. 2003.			
5	D.Mančić, M.Radmanović: "Piezoceramic ring loaded on each face: a three-dimensional approach", Journal of Technical Acoustics, Vol. 2, pp. 1.1-1.7, 2002.			
6	V.Mitić, I.Mitrović, D.Mančić: " The Effect of CaZrO3 Additive on Properties of BaTiO3-Ceramics ", Science of Sintering, Vol. 32, No 3, pp. 141-147, 2000.			
7	D.Mančić, M.Radmanović, V.Paunović, V.Dimić, D.Stefanović: "Modeling of PZT Piezoceramic Rings", Science of Sintering, Vol. 30, Spec. Issue, pp. 53-62, 1998.			
8	D.Mančić, Z.Petrušić, M.Veljković, M.Radmanović, D.Jovanović: "Design and Construction of a Two-Axis Rotating Sun-Tracking System", 39th International Congress on Heating, Refrigerating and Air Conditioning, Belgrade, Serbia, pp. 498-508, 3-5. December 2008.			
9	M.Radmanović, D.Mančić: "Recent Advances in Power Electronics", INFOTEH 2001, Jahorina, pp. 103-107, 12-14. March 2001.			
10	Z.Petrušić, D.Mančić, Č.Vasić: "Thermovision as the reliable control measurement system of energetic efficiency in industry", Electronics, Vol. 10, No 2, pp. 39-43, December 2006.			
11	D.Mančić, M.Radmanović: "A numerical approach to analysis of axisymmetric rings", Facta Universitatis, Series: Mechanics, Automatic Control and Robotics, Vol. 4, No 16, pp. 141-156, 2004.			
12	D.Mančić, M.Radmanović: "Design of ultrasonic transducers by means of the apparent elasticity method", Facta Universitatis, Series: Working and Living Environmental Protection, Vol. 2, No. 4, pp. 293-300, 2004.			
13	I.Jovanović, D.Mančić, M.Šoja, S.Lubura, M.Radmanović, Z.Petrušić: "PSpice Model of a Boost Converter with Dual Current-Mode Control", International Scientific Conference UNITECH-'11, Gabrovo, Bulgaria, Vol. I, pp. I-252 - I-257, 18-19. November 2011.			
14	D.Mančić, V.Dimić, M.Radmanović: "Resonance frequencies of PZT piezoceramic disks: a numerical approach", Facta Universitatis, Series: Mechanics, Automatic Control and Robotics, Vol. 3, No. 12, pp. 431-442, 2002.			
15	D.Mančić, Z.Petrušić, D.Radenković, B.Đorđević: "One-axis rotating measuring sun-tracking system", International scientific conference UNITECH-'07, Gabrovo, Bulgaria, vol. I, pp. 112-119, 23-24. November 2007.			
16	N.Madžarov, T.Todorov, D.Mančić, M.Radmanović: "Half and Full Bridge IGBT Inverters With Energy Dosing", 9th International Symposium on Power Electronics Ee'97, Novi Sad, pp. 120-127, 22-24. October 1997.			
17	M.Simeonov, D.Dankov, M.Radmanović, D.Mančić: "A Class E MOSFET Inverter for Induction Heating", 9th International Symposium on Power Electronics Ee'97, Novi Sad, pp. 107-114, 22-24. October 1997.			

18	D. Mančić, M. Radmanović, D. Stefanović, V. Dimić: "One solution of electronic system for driving high-power ultrasonic transducers", Power Electronics-'96, Gabrovo, Bulgaria, pp. 118-122, 26-27. June 1996.		
19	A.Kocić, D.Mančić, M.Radmanović: "A Microprocessor-Based Control Unit for Three-Phase Inverters", Proc. 17th International Spring Seminar on Semiconductor and Hybrid Technologies, Sozopol, Bulgaria, pp. 198-204, 1994.		
20	I.Jovanović, D.Mančić, V.Paunović, M.Radmanović, V.V.Mitić: "Metal Rings and Discs Matlab/Simulink 3D Model for Ultrasonic Sandwich Transducer Design", Science of Sintering, Vol. 44, No. 3, pp. 287-298, doi: 10.2298/SOS1203287J, Sep.-Dec. 2012.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	40	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	14	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Stanković, M. Milena	
<b>Title</b>		Professor	
<b>Specific scientific field</b>		Computing and Informatics	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	April, 1999.	Faculty of Electronic Engineering	Computing and
PhD	20.07.1988.	Faculty of Electronic Engineering	Technical sciences
Diploma	28.6.1976.	Faculty of Electronic Engineering	Automatics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Web mining and information retrieval		
2			
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	M. Stojanovic, M. Bozic, M. Stankovic, Z. Stajic, "Adaptive Least Squares Support Vector Machines Method for Short-Term Load Forecasting Based on Mutual Information for Inputs Selection" International Review of Electrical Engineering (IREE), 2012, vol. 7 No. 1, pp. 3574-3585		
2	S. Stojković, M. Stanković, R. S. Stanković: „Transformation of BDD into Heterogeneous MDD with Minimal Cost“, IEICE Trans. Fundamentals, Vol. E92-A, No. 10, pp. 2580-2587, ISSN: 1745-1337 (online), October 2009, <a href="http://search.ieice.org/bin/index.php?category=A&amp;lang=E&amp;curr=1">http://search.ieice.org/bin/index.php?category=A&amp;lang=E&amp;curr=1</a> .		
3	C. Moraga, M. Stankovic, S. Stojkovic, "Characterization of Ternary Cofactors in the Spectral Domain", Journal of Multiple-Valued Logic and Soft Computing, Vol.13. No.4-6, 2007, pp. 279-294.		
4	Stankovic, R.S., Stankovic, M., Moraga, C., "Haar wavelet transforms and Haar spectral transform decision diagrams for switching and multiple-valued functions", Multiple-Valued Logic and Soft Computing, Vol. 11, No. 1-2, 2005		
5	Astola, J.T., Egiazarian, K., Stankovic, M., Stankovic, R.S., "Fibonacci arithmetic expressions", Avtomatika i Telemekhanika, No. 6, 2004, 4-21. English translation, Automation and Remote Control, Vol. 65, No. 6, 2004, 842-856.		
6	Stanković, M., Stanković, R. S., Astola, J., Egiazarian, K., "Fibonacci spectral transforms: calculation, algorithms and circuit realizations", Systems Analysis Modelling Simulation, Vol. 43, No. 11, 2003, 1463-1501		
7	Stanković, M., Falkowski, B.J., Janković, D., Stanković, R.S., "Calculation of the paired Haar transform through shared binary decision diagrams", Computers and Electrical Engineering, Vol. 29, No. 1, January 2003, 13-24.		
8	Stanković, R.S., Stanković, M., Creutzburg, R., "Foundations for applications of Gibbs derivatives in logic design and VLSI", VLSI Design, Vol. 14, No. 1, 2002, 65-81.		
9	Stanković, R.S., Astola, J., Stanković, M., Egiazarian, K., "Circuit synthesis from Fibonacci decision diagrams", VLSI Design, Special Issue on Spectral Techniques and Decision Diagrams, Vol 14, No. 1, 2002, 23-34.		
10	Stankovic, R.S., Stanković, M., Astola, J.T., Egiazarian, K., Fibonacci Decision Diagrams, TICSP Series # 8, ISBN 952-15-0385-8, ISSN 1456-2774, Tampere, 2000.		
11	M. Stanković, S. Stojković, "Reversible Synthesis in Walsh Hadamard Domain", Computer Aided Systems Theory – EUROCAST 2011 13th International Conference, Las Palmas de Gran Canaria, Spain, February 6-11, 2011, Revised Selected Papers, Part II Lecture Notes in Computer Science Volume 6928, 2012, , pp 311-318. DOI: 10.1007/978-3-642-27579-1		
12	M. Stankovic, M., S. Stojkovic, "Reversible Synthesis through Shared Functional Decision Diagrams" Proc. 12th Int. Workshop on Computer Aided System Theory, Las Palmas, Gran Canaria, Spain, February 2009, 173-174. Revised selected papers in Moreno-Diaz, R., Pichler, F., Quesada, A., (Eds.): Computer Aides Systems Theory - EUROCAST 2009, LNCS 5717, 2009, 540–547, Springer-Verlag Berlin Heidelberg 2009, ISBN: 978-3-642-04771-8.		
13	M. Rajković, M. Stanković: XML as a Basis for Creating Extensible Web Content Management System, International Journal on Information Technologies and Security, No. 3, ISSN 1313-8251, pp. 21 – 30, <a href="http://www.tu-sofia.bg/saer/">http://www.tu-sofia.bg/saer/</a> Journal IT&S, 2009.		
14	M. Stanković, "Reversible Synthesis by using Decision Diagrams", The News of Uzhgorod National University: Series Mathematics and Informatics, Vol. 17, Uzhgorod, Ukraine, December 2008, pp. 204-212. <a href="http://www.nbuu.gov.ua/portal/natural/Nvuu/Mat/2008_17.pdf">http://www.nbuu.gov.ua/portal/natural/Nvuu/Mat/2008_17.pdf</a>		

15	M. Stojanović, M. Božić, M. Stanković, Mid-Term Load Forecasting Using Recursive Time Series Prediction Strategy With Support Vector Machines, Facta Univ. Ser.: Elec. Energ., vol. 23, No. 3, pp. 287-298, December 2010, <a href="http://factae.elfak.ni.ac.rs/fu2k103/3stojanovic.pdf">http://factae.elfak.ni.ac.rs/fu2k103/3stojanovic.pdf</a> .		
16	M. Stojanović, M. Božić, M. Stanković, Kratkoročno predviđanje električnog opterećenja bazirano na vremenskim serijama LS-SVM metodom, Zbornik Radova Visoke Tehničke škole strukovnih studija Niš, 21-24, 2011		
17	M. Stanković, S. Stojković, R. S. Stanković, "Representation of Incompletely Specified Binary and Multiple-Valued Logic Functions by Compact Decision Diagrams", IEEE 42nd International Symposium on Multiple-Valued Logic, ISMVL 2012, May 14-16, Victoria, BC, Canada, pp 142-147.		
18	S. Stojković, M. Stanković, R. Stanković, "Determining Assignments of Incompletely Specified Boolean Functions for Compact Representations by Binary Decision Diagrams", 10th International Workshop on Boolean Problems September 19-21, Freiberg, Germani, 2012.		
19	M. Stankovic, S. Stojkovic, C. Moraga, "Mapping Decision Diagrams for Multiple-Valued Logic Functions into Threshold Logic Networks", 41st IEEE International Symposium on Multiple-Valued Logic (ISMVL), (2011), pp.111-116.		
20	S. Stanković, J. Astola, M. Stanković, Representation of Multiple-valued Bent Functions Using Vilenkin-Chrestenson Decision Diagrams, 2011 41st IEEE International Symposium on Multiple-Valued Logic (ISMVL), (2011),, pp. 62-68.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	22	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	11	Number of international projects at which the lecturer currently participates	2
<b>Specializations</b>			
Visites of Tampere International Center for Signal Processing, University of Tampere, Finland, 1999, 2000, 2001, 2002, 2003, 2005			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Milojković T. Marko	
<b>Title</b>		Assistant Professor	
<b>Specific scientific field</b>		Control systems	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	29.01.2013.	University of Niš, Faculty of Electronic Engineering, Niš	Control Systems
PhD	27.01.2012.	University of Niš, Faculty of Electronic Engineering, Niš	Control Systems
Diploma	08.12.2003.	University of Niš, Faculty of Electronic Engineering, Niš	Computer Science and Informatics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Intelligent control		
2	Modelling of dynamical systems		
3	Mathematical models in industry		
4	Simulation of industrial systems		
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Bratislav Danković, Saša Nikolić, Marko Milojković, Zoran Jovanović, "A Class of Almost Orthogonal Filters", Journal of Circuits, Systems, and Computers, vol. 18, no. 5, (2009), pp. 923-931. Print ISSN: 0218-1266, Publisher: World Scientific Publishing Company.		
2	Marko Milojković, Saša Nikolić, Bratislav Danković, Dragan Antić, Zoran Jovanović, "Modelling of Dynamical Systems Based on Almost Orthogonal Polynomials", Mathematical and Computer Modelling of Dynamical Systems, vol. 16, no. 2, (2010), pp. 133-144. Print ISSN: 1387-3954, Publisher: Taylor & Francis		
3	Dragan Antić, Marko Milojković, Zoran Jovanović, Saša Nikolić, "Optimal Design of the Fuzzy Sliding Mode Control for a DC Servo Drive", Strojniški vestnik - Journal of Mechanical Engineering, vol. 56, no. 7-8, (2010), pp. 455-463. Print ISSN: 0039-2480. Publisher: Association of Mechanical Engineers of Slovenia (AMES)		
4	Saša Nikolić, Dragan Antić, Bratislav Danković, Marko Milojković, Zoran Jovanović, Staniša Perić, "Orthogonal Functions Applied in Antenna Positioning", Advances in Electrical and Computer Engineering, vol. 10, no. 4, (2010), pp. 35-42. Print ISSN: 1582-7445, Publisher: Faculty of Electrical Engineering and Computer Science, Stefan cel Mare University of Suceava, Romania		
5	Dragan Antić, Saša Nikolić, Marko Milojković, Nikola Danković, Zoran Jovanović, Staniša Perić, "Sensitivity Analysis of Imperfect Systems Using Almost Orthogonal Filters", Acta Polytechnica Hungarica, vol. 8, no. 6, (2011), pp. 79-94. Print ISSN: 1785-8860, Publisher: Óbuda University, Hungary.		
6	Dragan Antić, Bratislav Danković, Saša Nikolić, Marko Milojković, Zoran Jovanović, "Approximation Based on Orthogonal and Almost Orthogonal Functions", Journal of the Franklin Institute, vol. 349, no. 1, (2012), pp. 323-336. Print ISSN: 0016-0032, Publisher: Elsevier Ltd.		
7	Dragan Antić, Zoran Jovanović, Vlastimir Nikolić, Marko Milojković, Saša Nikolić, Nikola Danković, "Modeling of Cascade-Connected Systems Using Quasi-Orthogonal Functions", Electronics and Electrical Engineering, vol. 18, no. 10, (2012), pp. 3-8. Print ISSN: 1392-1215, Publisher: Kaunas University of Technology.		
8	Darko Mitić, Dragan Antić, Marko Milojković, Saša Nikolić, Staniša Perić, "Input-Output Based Quasi-sliding Mode Control of DC-DC Converter", FACTA UNIVERSITATIS Series: Electronics and Energetics, vol. 25, no. 1, pp. 69-80, (2012), Print ISSN: 0353-3670, Publisher: University of Niš.		
9	Darko B. Mitić, Staniša Lj. Perić, Dragan S. Antić, Zoran D. Jovanović, Marko T. Milojković, Saša S. Nikolić, "Digital Sliding Mode Control of Anti-Lock Braking System", Advances in Electrical and Computer Engineering, vol. 13, no. 1, (2013), pp. 33-40. Print ISSN: 1582-7445, Publisher: Faculty of Electrical Engineering and Computer Science, Stefan cel Mare University of Suceava, Romania.		
10	Marko T. Milojković, Dragan S. Antić, Saša S. Nikolić, Zoran D. Jovanović, Staniša Lj. Perić, "On a New Class of Quasi-orthogonal Filters", International Journal of Electronics, Print ISSN: 0020-7217, Publisher: Taylor & Francis.		
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**Cumulative data of the scientific activity of the lecturer**

Total number of citations	67	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	9	Number of international projects at which the lecturer currently participates	3

**Specializations**

**Other data considered relevant**




## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Milorad B. Tosic		
<b>Title</b>	Associate Professor		
<b>Specific scientific field</b>	Computing		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	12.11.2007	Faculty of Electronic Engineering, University of Nis	Computing
PhD	01.05.1998	Faculty of Electronic Engineering, University of Nis	Computing
Diploma	01.06.1989	Faculty of Electronic Engineering, University of Nis	Computing
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Future Internet		
2	Bioinformatics		
3	Advanced topics in intelligent systems		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Valentina Nejkovic, Milorad Tosic, Wiki Learning System Patterns for Academic Courses, Computer Applications in Engineering Education, ISSN: 1061-3773, DOI: 10.1002/cae.21559, Online: <a href="http://onlinelibrary.wiley.com/doi/10.1002/cae.21559/abstract">http://onlinelibrary.wiley.com/doi/10.1002/cae.21559/abstract</a> , accepted for publication.		
2	M. Cubric and M. Tosic, (2011) "Towards automatic generation of e-assessment using semantic web technologies", International Journal of e-Assessment, Vol 1, No 1		
3	Valentina Nejkovic and Milorad Tosic, (2011) "The Influence of Several Years Use of Wiki on Academic Motivation Improvement", International Journal of Engineering Education, Vol. 27, Issue 5, pp. 1081-1093		
4	Milorad Tosic and Valentina Nejkovic, "Trust-Based Peer Assessment for Virtual Learning Systems," Lecture Notes in Computer Science, 2010, Volume 6430/2010, 176-191, DOI: 10.1007/978-3-642-16567-2_13		
5	M. Tosic, V. Nejkovic, "Collaborative Wiki Tagging," in "Networked Knowledge & Networked Media: Integrating Knowledge Management, New Media Technologies and Semantic Systems," Eds. Sebastian Schaffert, Klaus Tochtermann and Tassilo Pellegrini. (Eds.), series "Studies in Computational Intelligence", Springer, Vol. 221, 2009, pp.141-153.		
6	B.Vasic, G.Djordjevic, and M.Tosic, "Loose composite constrained codes and their application in DVD," IEEE Journal on Selected Areas in Communications, April 2001.		
7	M.Tosic, M.K.Stojcev. D.M.Maksimovic, G.Lj.Djordjevic, "The asynchronous counterflow pipeline bit-serial multiplier", Journal of Systems Architecture – The Euromicro Journal, 44(12):985 1004, Dec. 1998.		
8	I.Z.Milentijevic, I.Z.Milovanovic, E.I.Milovanovic, M.Tosic, "Two-level pipelined systolic arrays for matrix-vector multiplication", Journal of Systems Architecture – The Euromicro Journal, 44 (1998), pp.383-387.		
9	G.Djordjevic, M.Tosic, "A compile time scheduling heuristic for multiprocessor architectures," Computer Journal, Vol.39, No.8, 1996, pp.663-674.		
10	G.Djordjevic, M.Tosic, "A heuristic for scheduling task graphs with communication delays onto multiprocessors", Parallel Computing, 22 (1996), pp.1197-1214.		
11	M. Tosic, I. Seskar, F. Jelenkovic, "TaaSOR – Testbed-as-a-Service Ontology Repository", in T. Korakis, M. Zink, and M. Ott (Eds.): TridentCom 2012, LNICST 44, pp. 419–420, 2012.		
12	Tosic, M. and Manic, M. "A RESTful Technique for Collaborative Learning Content Transclusion by Wiki-style Mashups," in Proc. IEEE ICELIE'11, 5th IEEE International Conference on E-Learning in Industrial Electronics, Melbourne, Australia, November 7-10 2011., pp:27-32.		
13	Milorad Tošić, Valentina Nejković. (2010). Web technologies for Interactive E-Government , E-Society Journal: research and applications, University of Novi Sad, Technical Faculty Mihajlo Pupin, Vol. 1, No:2, pp. 51-58, ISSN: 2217-3269		
14	M. Tosic, V. Milicevic, M. Stankovic, "Intelligent Information Systems: A Contribution to the Next Generation National Heritage Infrastructure", Review of The National Center for Digitalization, Serbia and Montenegro, Belgrade, July 2., 2005., Vol. VII/2005, ISSN 1820-0109, pp. 39-48		
15	B.Vasic, G.Djordjevic, and M.Tosic, "EFM++: An efficient coding format for DVD," (invited paper) Facta Universitatis, Electronic and Energetic Series, vol.13, No.3, pp.263-296, Dec. 2000.		
16	M.Tosic, I.Milentijevic, E.Milovanovic, "Unidirectional two-way pipelined linear systolic array for matrix-vector multiplication," Facta Universitatis, Ser.Math.Inform., 11 (1996), pp.129-142.		
17	M.Tosic, M.K.Stojcev, "Pipelined serial-parallel multiplier with contraflowing data streams," Electronic Letters, Vol.27, No.25, December 1991, pp.2361-2363.		

18	M.Tosic, M.Stankovic, "Parallel processes communication and synchronization mechanisms," review paper, <i>Automatika</i> 31 (1990) 5-6, pp.225-230		
19	Valentina Milicevic, Milorad Tosic, "Collaborative Wiki Tagging," I-SEMANTICS 2007, International Conference on New Media Technology and Semantic Systems, as part of TRIPLE-I 2007, Graz, Austrija, September 5-7, 2007.		
20	Milorad Tosic, Valentina Milicevic, "Semantics of The Collaborative Tagging Systems", 3th European Semantic Web Conference, 2nd Workshop on Scripting for the Semantic Web, June 11-14, 2006, Budva, Serbia & Montenegro.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	48	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	10	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
Visiting Scientist, Rutgers University, NJ, USA, 1998 - 2000			
<b>Other data considered relevant</b>			
Advisor to Minister, Ministry for Science, Technology and Development, Republic of Serbia, from 2002 to 2003. Three invited talks at recognized Universities in London, UK and Phyladelphia, USA. USA Patent application, technology recognized at world wide market (by companies such as Motorola, Microchip, Phillips, Delphi)			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Milovanović P. Dragiša		
<b>Title</b>	Full professor		
<b>Specific scientific field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	02.09.2002.	Faculty of Electronic Engineering, Niš, Serbia	Electronics
PhD	26.12.1991.	Faculty of Electronic Engineering, Niš, Serbia	Electronics
Diploma	24.04.1976.	Faculty of Electronic Engineering, Niš, Serbia	Electronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Optimization and design of analog circuits		
2	Design of CMOS mixed signal integrated circuits and HF integrated circuits		
3			
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<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Andrejević Stošović, M., Lukač, D., Litovski, V., Milovanović, D.: Dynamic properties of solar cells, Zbornik LVI konferencije ETRAN, Zlatibor, 11.06.-14.06., 2012, EL4.2, ISBN 978-86-80509-67-9		
2	Bogdanović, N., Blagojević, D., Milovanović, D.: Reliability of Radio-Relay Systems, ICEST 2012 Proceedings of papers, Vol. 2, Veliko Tarnovo, Bulgaria, June 28-30, 2012, pp.303-306, ISBN 978-619-167-003-1		
3	Andrejević Stošović, M., Milovanović, D., Litovski, V.: Hierarchical Approach to Diagnosis of Mixed-mode Circuits using Artificial Neural Networks, Neural Network World, Institute of Computer Science AS CR, v. v. i. and Faculty of Transportation Sciences, May, 2011, Vol. 2/11, pp 153-168, ISSN 1210-0552		
4	Milovanović, D., Nikolić, V. S., Ilić, D.: Application of Switched-Capacitive Filters in Anti-Aliasing Filtering, XLVI ICEST Conference, Niš, Serbia, 29.06-01.07, 2011, pp. 33-36, ISBN 978-86-6125-031-6		
5	Savić, M., Nikolić, M., Milovanović, D.: Frequency Synthesizer Design in CMOS, Zbornik radova LI konferencije ETRAN, Herceg Novi, 04.06.-08.06., 2007, Proc. on CD, EL2.3, ISBN 978-86-80509-62-4		
6	Milovanović, D., Savić, M., Nikolić, M.: Second-Order Sigma-Delta Modulator In Standard CMOS Technology, Serbian Journal of Electrical Engineering, Technical Faculty, Čačak, Serbia, November, 2004, Vol. 1, no 3, pp. 37-44, ISSN 1451-4869		
7	Savić, M., Milovanović, D.: CMOS Bandgap Voltage Reference, Zbornik radova XLVII konferencije Etran 2003, Herceg Novi, 08.06.-13.06., 2003, vol. 1 124-127, ISBN 86-80509-45-0		
8	Sokolović, M., Milovanović, D.: Design of Printed Circuit Boards for Low-Power Radio Transmitters, Electronics, Vol. 6 No. 1, University of Banja Luka, December, 2002, pp. 3-6, ISSN: 1450-5843		
9	Andrejević, M., Litovski, V., Milovanović, D., Petković, P.: Extraction of Frequency Characteristics of Switched-Capacitor Circuits Using Time-Domain Analysis, MIEL 2002, Niš, 12.5.-15.5., 2002, pp. 635-638, ISBN 0-7803-7235-2		
10	Litovski, V., Maksimović, D., Milovanović, D., Panić, V., Petković, Z., Topisirović, D., Zarković, K.: Implementacija digitalnih elektronskih kola primenom boundary scan standarda, Tehnika (Elektrotehnika), 2001, E7-E15		
11	Živković, V., Petković, P., Milovanović, D.: Automatic Symbolic Analysis of SC Networks Using a Modified Nodal Approach, Microelectronic Journal, Vol. 29, No. 10, 1998, pp. 741-746, ISSN: 0026-2692		
12	Litovski, V., Milovanović, D.: IDDQ Versus VDDT Testing - A comparative Study, Electrical Engineering and Electronics, EE '98, Gabrovo, Bulgaria, 3-5 Dec., 1998, pp. 131-135		
13	Petković, P., Litovski, V., Milovanović, D.: Symbolic Fault Modelling and Test Generation of MOS Circuits, Microelectronics and Reliability, Vol 37, No 1, England, 1997, pp. 137-157, ISSN:0026-2714		
14	Milovanović, D., Panić, V.: Iddq Fault Model Generation for BiCMOS and CMOS Circuits, 21st International Conference on Microelectronics, MIEL '97, Volume 2, Niš, Yugoslavia, 15-17 Sep., 1997, pp. 771-774		
15	Janković, S., Milovanović, D., Panić, V.: Iddq Test Generation for BiCMOS VLSI Circuits, Proceedings of 18th International Spring Seminar on Semiconductor and Hybrid Technologies, Volume 18, No 1, Sozopol, Bulgaria, 1996, pp. 294-301		
16	Milovanović, D., Litovski, V.: Fault Models of CMOS Circuits, Microelectronics and Reliability, Vol.34, No5, May, 1994, pp. 883-896, ISSN:0026-2714		
17	Milovanović, D., Litovski, V.: Fault Models of CMOS Transmission Gate, International Journal of Electronics, Vol. 71, No. 4, May, 1991, pp. 675-683, ISSN 0020-7217		

18	Litovski, V., Milovanović, D.: New CMOS transmission Gate fault models and fault simulation, Proc of the Int. Conf. on Concurrent Engineering and Electronic Design Automation, CEEDA '91, Poole, UK, March, 1991, pp. 393-395		
19	Litovski, V., Milovanović, D.: New solution for the ideal filter approximation problem, IEE Proceedings, Pt. G. , Vol. 130, No. 4, August, 1983, pp. 161-163, ISSN 0956-3768		
20	Litovski, V., Milovanović, D.: Fazni korektori u elektricnim filtrima neminimalne faze, Tehnika (Elektrotehnika), Vol. 31, No. 6, 1982, pp. 1025-1028		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	61	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	8	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Mitić B. Darko	
<b>Title</b>		Assistant Professor	
<b>Specific scientific field</b>		Control systems	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	14.03.2011.	University of Niš, Faculty of Electronic Engineering, Niš	Control Systems
PhD	06.11.2006.	University of Niš, Faculty of Electronic Engineering, Niš	Control Systems
Diploma	08.10.1992.	University of Niš, Faculty of Electronic Engineering, Niš	Control Systems and Electronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Intelligent control		
2	Variable structure systems		
3	Predictive control		
4			
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<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Goran Jovanović, Darko Mitić, Mile Stojčev, Dragan Antić, "Self-tuning biquad band-pass filter ", Journal of Circuits, Systems and Computers, Vol. 22, No. 3, 2013, ISSN: 0218-1266, doi: 10.1142/S0218126613500084		
2	Darko Mitić, Staniša Perić, Dragan Antić, Zoran Jovanović, Marko Milojković, Saša Nikolić, "Digital Sliding Mode Control of Anti-Lock Braking System," Advances in Electrical and Computer Engineering, Vol. 13, No. 1, pp. 33-40, 2013, ISSN: 1582-7445, e-ISSN: 1844-7600, doi:10.4316/AECE.2013.01006		
3	Goran Jovanović, Darko Mitić, Mile Stojčev, Dragan Antić, "Phase-synchronizer based on gm-C all-pass filter chain", Advances in Electrical and Computer Engineering, Vol. 12, No 1, 2012, (pp. 39-44). ISSN: 1582-7445, e-ISSN: 1844-7600, Digital Object Identifier: 10.4316/AECE.2012.01007		
4	Čedomir Milosavljević, Branislava Peruničić-Draženić, Boban Veselić, Darko Mitić: "A new design of servomechanism with digital sliding mode", Electrical Engineering (Archiv fur Elektrotechnik), Springer, Vol. 89, No. 3., pp 233-244, 2007, ISSN Print Edition 0948-7921, ISSN Electronic Edition 1432-0487, (DOI: 10.1007/s00202-005-0334-y) (Online: <a href="http://dx.doi.org/10.1007/s00202-005-0334-y">http://dx.doi.org/10.1007/s00202-005-0334-y</a> )		
5	Goran Jovanović, Darko Mitić, Mile K Stojčev, "An adaptive pulse-width control loop", International Journal of Electronics, Taylor & Francis, Vol. 93, No. 5, pp. 291 – 311, 2006, ISSN Print Edition 0020-7217, ISSN Electronic Edition 1362-3060, (DOI: 10.1080/00207210500491697) (Online: <a href="http://dx.doi.org/10.1080/00207210500491697">http://dx.doi.org/10.1080/00207210500491697</a> ).		
6	Darko Mitić, Čedomir Milosavljević: "Sliding mode based minimum variance and generalized minimum variance controls with O(T2) and O(T3) accuracy", Electrical Engineering (Archiv fur Elektrotechnik), Vol. 86, No. 4, pp 229-237, 2004, ISSN Print Edition 0948-7921, ISSN Electronic Edition 1432-0487, (DOI: 10.1007/s00202-003-0198-y) (Online: <a href="http://dx.doi.org/10.1007/s00202-003-0198-y">http://dx.doi.org/10.1007/s00202-003-0198-y</a> )		
7	Darko Mitić, Dragan Antić, Marko Milojković, Saša Nikolić, Staniša Perić, "Input-output based quasi-sliding mode control of DC-DC converter", FACTA UNIVERSITATIS Series: Electronics and Energetics, vol. 25, no. 1, pp. 69-80, Print ISSN: 0353-3670, (DOI No: 10.2298/FUEE1201069M), Publisher: University of Niš. April 2012.		
8	Čedomir Milosavljević, Dragan Antić, Darko Mitić, Goran Đorđević: "Comparative analysis of variable structure systems (VSS) with proportional-plus-integral action", Facta Universitatis, Series: Electronics and Energetics, University of Niš, Vol. 1, No. 1, pp. 1-9, 1995, YU ISSN 0353-3670, (Online: <a href="http://factaee.elfak.ni.ac.rs/facta9501/fac01.pdf">http://factaee.elfak.ni.ac.rs/facta9501/fac01.pdf</a> ).		
9	Goran Jovanović, Darko Mitić, Mile Stojčev, Dragan Antić, "Delay locked loop clock generator in low power VLSI IC design", Scientific Bulletin of UPT, Transactions on Automatic Control and Computer Science, Vol. 56 (70), 2011, (pp. 131-136).		
10	Bratislav Danković, Dragan Antić, Zoran Jovanović, Darko Mitić: "Sensitivity – Identifiability Correlation of Dynamical Systems", Transactions on Automatic Control and Computer Science, Series: Automatics and Computations, Politehnica University of Timisoara – Romania, Vol. 55 (69), No. 3, pp. 109-117, 2010, ISSN 1224-600X.		

11	Boban Veselić, Čedomir Milosavljević, Darko Mitić: "Robust servo-system design based on discrete-time sliding mode control with active disturbance estimator", Transactions on Automatic Control and Computer Science, Series: Automatics and Computations, Politehnica University of Timisoara – Romania, Vol. 50 (64), No. 1, pp. 5-10, 2005, ISSN 1224-600X.
12	Čedomir Milosavljević, Darko Mitić, Boban Veselić: "Sliding mode based digital servo-system design", Control Engineering and Applied Informatics, Romanian Society of Control Engineering and Technical Informatics, Vol. 6, No. 4, pp.37-42, 2004, ISSN 1454-8658.
13	Darko Mitić: "Chattering-free continuous-time sliding mode based minimum variance control", Transactions on Automatic Control and Computer Science, Series: Automatics and Computations, Politehnica University of Timisoara – Romania, Vol. 47 (61), No. 1, pp. 103-107, 2002, ISSN 1244-600X.
14	Darko Mitić, Čedomir Milosavljević: "Variable structure model reference adaptive control with proportional-plus-integral term based only on input-output measurement", Transactions on Automatic Control and Computer Science, Series: Automatics and Computations, Politehnica University of Timisoara – Romania, Vol. 42 (56), No. 1, pp. 73-80, 1997, ISSN 1224-600X.
15	Darko Mitić, Dragan Antić, Marko Milojković: "On error-signal based design of digital minimum variance control with fuzzy-sliding mode", Facta Universitatis, Series: Automatic Control and Robotics, University of Niš, Vol. 7, No. 1, pp. 121-129, 2008, ISSN 1821-6417, (Online: <a href="http://facta.junis.ni.ac.rs/acar/acar200801/acar2008-10.pdf">http://facta.junis.ni.ac.rs/acar/acar200801/acar2008-10.pdf</a> ).
16	Čedomir Milosavljević, Boban Veselić, Darko Mitić: "Discrete-time quasi-sliding mode control systems – Part I", Electronics, Faculty of Electrical Engineering, University of Banja Luka, Vol. 9, No. 2, pp. 16-20, 2005, YU ISSN 1450-5843.
17	Darko Mitić, Čedomir Milosavljević, Boban Veselić: "One approach to I/O based design of digital sliding mode control for nonlinear plants", Electronics, Faculty of Electrical Engineering, University of Banja Luka, Vol. 8, No. 2, pp. 64-67, 2004, YU ISSN 1450-5843.
18	Čedomir Milosavljević, Darko Mitić, Boban Veselić, Milić Pejović: "Digital sliding mode control of X-ray apparatus electrical drives", Electronics, Faculty of Electrical Engineering, University of Banja Luka, Vol. 7, No. 2, pp. 85-89, 2003, YU ISSN 1450-5843.
19	Dragan Antić, Darko Mitić, Zoran Jovanović, Staniša Perić, Marko Milojković, Saša Nikolić, "On anti-lock braking system sliding mode control techniques", Proceedings of the Special International Conference on Complex Systems: Sinergy of Control, Communications and Computing, COSY 2011, Ohrid, Macedonia, September 16.-20., 2011, pp. 369-380. (ISBN: 978-9989-2175-8-6), Publisher: ETAI – The Society for Electronics, Telecommunications, Automation, and Informatics of the Republic of Macedonia.
20	Čedomir Milosavljević, Branislava Peruničić-Draženić, Boban Veselić, Darko Mitić, "Sampled data quasi-sliding mode control strategies", IEEE International Conference on Industrial Technology (ICIT 2006), 15-17 December 2006, Mumbai, India, IEEE Industrial Electronics Society, pp. 2640-2645, 2006, ISBN 1-4244-0726-5, (DOI: 10.1109/ICIT.2006.372711) (Online <a href="http://dx.doi.org/10.1109/ICIT.2006.372711">http://dx.doi.org/10.1109/ICIT.2006.372711</a> ).

**Cumulative data of the scientific activity of the lecturer**

Total number of citations	62	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	6	Number of international projects at which the lecturer currently participates	3

**Specializations**

**Other data considered relevant**




## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Stojanovic M. Natalija		
<b>Title</b>	assistant professor		
<b>Specific scientific field</b>	Computer Science and Informatics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	14.3.2011.	Faculty of Electronic Engineering	Computer Science and Informatics
PhD	28. 12. 2009.	Faculty of Electronic Engineering	Computer Science and Informatics
Diploma	23.7.1999.	Faculty of Electronic Engineering	Computer Science and Informatics

### List of courses the lecturer holds at study programs of doctoral studies

Number	The name of the course
1	Advanced Topics in Distributed Systems
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### The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)

1	Natalija Stojanović, Dragan Stojanović, "High-performance computing in GIS: techniques and applications", International Journal of Reasoning-based Intelligent Systems - IJRIS , <a href="http://www.inderscience.com/jhome.php?jcode=ijris">http://www.inderscience.com/jhome.php?jcode=ijris</a> , accepted for publication 2012.
2	I. Ž. Milovanović, E. I. Milovanović, T. I. Tokić, M. K. Stojčev, N. M. Stojanović, "Optimizing Space-Time Parameters of Hexagonal Systolic Array", Scientific Publications of the State University of Novi Pazar, Series A, Applied Mathematics, Informatics and Mechanics, Vol. 1, No.1, pp. 21-28, 2009.
3	Michael Bekakos, Igor Milovanović, Emina Milovanović, Natalija Stojanović, "Fault-tolerant linear systolic arrays for matrix-vector multiplication", Neural parallel and scientific computations, Dynamic Publishers, Inc., Volume 14, Issues 2-3, pp. 241-258, 2006, ISSN: 1061-5369.
4	Emina Milovanović, Natalija Stojanović, "Teaching tools for parallel processing", Scientific Journal Facta Universitatis – Series Electronics and Energetics, Volume 18, Issue 2, pp. 219-224, 2005, ISSN: 0353-3670.
5	Natalija Stojanović, Emina Milovanović, Ivan Stojmenović, Igor Milovanović, Teufik Tokić, "Mapping Matrix Multiplication Algorithm onto Fault-Tolerant Systolic Array", Computers and Mathematics with Applications, Elsevier, Volume 48, Issues 1-2, pp. 275-289, 2004, ISSN: 0898-1221.
6	Emina Milovanović, Natalija Stojanović, Igor Milovanović, Diana Doličanin, "Fault-tolerant unidirectional systolic array for matrix-vector multiplication", Journal of Electrotechnics and Mathematics, Volume 10, Issue 1, pp. 13-23, 2005, ISSN: 0354-9399
7	Emina Milovanović, Branislav Randjelović, Igor Milovanović, Natalija Novaković, "Systolic Array Synthesis Under Predefined Constraints", Journal of Electrotechnics and Mathematics, Volume 8, Issue 1, pp. 31-38, 2003, ISSN: 0354-9399.
8	Emina Milovanović, Mile Stojčev, Natalija Novaković, Teufik Tokić, Igor Milovanović, "Matrix-Vector Multiplication on Fixed-Size Linear Systolic Array", Computers and Mathematics with Applications, Elsevier, Volume 40, Issues 10-11, pp.1189-1203, 2000, ISSN: 0898-1221.
9	Natalija Stojanovic, Dragan Stojanovic, " Parallel Processing of Geospatial Data on Many-core GPU Processors", XI International SAUM Conference on Systems, Automatic Control and Measurements Niš, Serbia, November 14th-16th, 2012.
10	Natalija Stojanovic, Dragan Stojanovic, "High-performance processing of geospatial data on network of workstations", Telsiks 2011 Conference, October 5-8, 2011, pp. 200-203.
11	Michael Bekakos, Emina Milovanović, Natalija Stojanović, Teufik Tokić, Igor Milovanović, Ivan Milentijević, "Transformation matrices for systolic array synthesis", Journal of Electrotechnics and Mathematics, Volume 7, Issue 1, pp. 9-15, 2002, ISSN: 0354-9399.
12	Teufik Tokić, Emina Milovanović, Natalija Novaković, Igor Milovanović, Mile Stojčev, "Matrix multiplication on non-planar systolic arrays", Scientific Journal Facta Universitatis – Series Electronics and Energetics, Volume 13, Issue 2, pp.157-166 2000, ISSN: 0353-3670.
13	Natalija Stojanović, Igor Milovanović, Mile Stojčev, Emina Milovanović, "Matrix-vector Multiplication on a Fixed Size Unidirectional Systolic Array", Proc.: 8th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, TELSIS 2007, (B. Milovanović, ed.), Niš, IEEE & FEE ,Volume 2, 2007, pp. 457-460, ISBN:1-4244-1467-9.

14	Emina Milovanović, Natalija Stojanović, Igor Milovanović, "Mapping Matrix-Vector Multiplication Algorithm onto Fault-Tolerant Unidirectional Systolic Array", Proc.: 7th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, TELSIKS 2005, (B. Milovanović, ed.), Niš, IEEE & FEE, Volume 1, 2005, pp. 65-68, ISBN:07803-9164-0.		
15	Emina Milovanović, Igor Milovanović, Branislav Randjelović, Natalija Stojanović, "A Problem of Selecting Systolic Algorithm for a Given Mathematical Model", Proc.: First Balkan Conference in Informatics, Thessaloniki'03, (Y. Manolopoulos, P. Spirakis, eds.), Publishing Centre T.E.I. of Thessaloniki, 2003, pp. 413-425.		
16	Emina Milovanović, Igor Milovanović, Natalija Stojanović, Teufik Tokić, Mile Stojčev, "Fault-tolerant Systolic Array for Matrix Multiplication", Proc.: XXXVII International Scientific Conference on Information, Communication and Energy Systems and Technologies, ICEST 2002, Niš, FEE, Volume 1, 2002, pp. 275-278, ISBN:86-80135-69-0.		
17	Emina Milovanović, Natalija Stojanović, Igor Milovanović, Teufik Tokić, Mile Stojčev, "Optimizing AT2 Measure of Hexagonal Systolic Arrays", Proc.: 23rd International Conference on Microelectronics, MIEL 2002, Niš, IEEE, Volume 2, 2002, pp. 629-632, ISBN:0-7803-7235-2.		
18	Igor Milovanović, Emina Milovanović, Teufik Tokić, Natalija Stojanović, Mile Stojčev, "A Family of Bidirectional Systolic Arrays for Matrix-Vector Multiplication", Proc. International Conference TCSET' 2002, (I. Prudiys, ed.), Lviv-Slavsko, Ukraine, 2002, pp. 90-92.		
19	Natalija Stojanović, Dragan Stojanović, "Obrada prostorno-vremenskih podataka korišćenjem paralelnih i distribuiranih računarskih tehnika", YU INFO 2012, Kopaonik, 1-3. Mart 2012.		
20	Natalija Novaković, Emina Milovanović, Mile Stojčev, Teufik Tokić, Igor Milovanović, "Optimization of Bidirectional Systolic Array for Matrix-Vector Multiplication", Journal of Electrotechnics and Mathematics, Volume 4, Issue 1, pp. 35-40, 1999, ISSN: 0354-9399		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	10	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	2	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Milica B. Naumović		
<b>Title</b>	Professor		
<b>Specific scientific field</b>	Automatic Control		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	27.06.2002.	Faculty of Electronic Engineering Niš	Automatic Control
PhD	01.02.1991.	Faculty of Electronic Engineering Niš	Automatic Control
Diploma	03.07.1975.	Faculty of Electronic Engineering Niš	Automatic Control
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Systems theory		
2	Digital control techniques		
3	Optimal control		
4	System identification		
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	M.B. Naumović: A simple parametric identification procedure based on the final value theorem, Proceedings of the Institution of Mechanical Engineers, Part.I: Journal of System and Control Engineering, ISSN: 0959-6518, Vol. 226, No. 10, 2012, pp. 1432-1437, (DOI: 10.1177/0959651812455909), (Online <a href="http://pii.sagepub.com/content/226/10/1432.full.pdf+html">http://pii.sagepub.com/content/226/10/1432.full.pdf+html</a> )."		
2	M.B. Naumović: Interrelationships between the one-sided discrete-time Fourier transform and one-sided delta transform, Electrical Engineering, Archiv für Elektrotechnik, Springer-Verlag, May 2001, vol. 83, No. 3, pp.99-101. (DOI: 10.1007/s002020000063) (Online <a href="http://dx.doi.org/10.1007/s002020000063">http://dx.doi.org/10.1007/s002020000063</a> ).		
3	M.B. Naumović, M.R. Stojić: Comparative Study of Finite Word Length Effects in Digital Filter Design via the Shift and Delta Transforms, Electrical Engineering, Archiv für Elektrotechnik, Springer-Verlag, Jan. 2000, vol. 82, No. 3-4, pp. 213-216, (DOI: 10.1007/s002020050013), (Online <a href="http://dx.doi.org/10.1007/s002020050013">http://dx.doi.org/10.1007/s002020050013</a> ).		
4	M.B. Naumović: A guide to model parameter conversion in a dual-rate adaptive control system, Proc. IMechE, Pt.I: Journal of System and Control Engineering, Vol. 205, No.14, 1991, pp. 307- 310, (DOI: 10.1243/PIME_PROC_1991_205_346_02), (Online <a href="http://pii.sagepub.com/content/205/4.toc">http://pii.sagepub.com/content/205/4.toc</a> )		
5	M.B. Naumović, D. Živanović: Remote Experiments in Control Engineering Education Laboratory, International Journal of Online Engineering, ISSN: 1861-2121, vol. 4, No. 2, 2008, pp. 48-53, (Online <a href="http://www.online-journals.org/index.php/i-joe/issue/view/43">http://www.online-journals.org/index.php/i-joe/issue/view/43</a> ).		
6	M. B. Naumović: PI-like Observer Structures in Digitally Controlled DC Servo Drives: Theory and Experiment, Electronics, Faculty of Electrical Engineering, University of Banja Luka, Vol. 15, No. 1, June 2011, pp. 30-39, ISSN 1450-5843, (Online <a href="http://www.electronics.etfbl.net/journal/EL_2011_1_Complete.pdf">http://www.electronics.etfbl.net/journal/EL_2011_1_Complete.pdf</a> ).		
7	M. B. Naumović, N. Popović, B. Popović: Using Easy Java Simulations in Computer Supported Control Engineering Education, Electronics, Faculty of Electrical Engineering, University of Banja Luka, Vol. 15, No. 2, December 2011, pp. 67-72, ISSN 1450-5843, (Online <a href="http://www.electronics.etfbl.net/journal/EL_2011_2_Complete.pdf">http://www.electronics.etfbl.net/journal/EL_2011_2_Complete.pdf</a> ).		
8	M. B. Naumović: Comparative Study of Zero Effects in Pole-Placement Control System Design Via the Shift and Delta Transforms, Facta Universitatis, Ser.: Elec. Energ. Vol. 18, No. 3, December 2005, pp. 439-451, <a href="http://factaee.elfak.ni.ac.rs/fu2k53/Naumovic.pdf">http://factaee.elfak.ni.ac.rs/fu2k53/Naumovic.pdf</a> (DOI:10.2298/FUEE0503439N) .		
9	M. B. Naumović, and M. R. Stojić: Two Distant Cross-Coupled Positioning Servo Drives: Theory And Experiment, Electronics, University of Banja Luka, Vol. 13, No. 2, December 2009, pp. 25-29, YUISSN 1450-5843, (Online <a href="http://www.electronics.etfbl.net/journal/EI_2009_2_Complete.pdf">http://www.electronics.etfbl.net/journal/EI_2009_2_Complete.pdf</a> ).		
10	M.B. Naumović, Robin De Keyser, and Clara-Mihaela Ionescu: Testing the Matlab®Simulink-Based Frequency Response Analyzer, IEEE X International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services -TELSIKS 2011, October 5-8, 2011, Niš, Serbia, Institute of Electrical and Electronics Engineers (IEEE), and Faculty of Electronic Engineering, University of Niš, Serbia, Faculty of Electronic Engineering Niš, Vol. 3, pp. 589-592, 2011, ISBN 978-1-4577-2016-1, (DOI:10.1109/TELSKS.2011.6143183) (Online <a href="http://dx.doi.org/10.1109/TELSKS.2011.6143183">http://dx.doi.org/10.1109/TELSKS.2011.6143183</a> ).		
11	M.B. Naumović, and B.R. Veselić: Magnetic Levitation System in Control Engineering Education, Facta Universitatis, Ser.: Automatic Control and Robotics, University of Niš, Vol. 7, No. 1, 2008, pp. 151-160, YUISSN 1820-6417, (Online <a href="http://facta.junis.ni.ac.rs/acar/acar200801/acar2008-13.pdf">http://facta.junis.ni.ac.rs/acar/acar200801/acar2008-13.pdf</a> ).		

12	M. B. Naumović, M. Jevtić, and A. Arsić: Didactic Applications of ALLEN BRADLEY MICROLOGIX 1000 Programmable Logic Controller, Electronics, University of Banja Luka, Vol. 12, No. 1, June 2008, pp. 26-30, YUISSN 1450-5843, (Online <a href="http://www.electronics.etfbl.net/journal/EI_2008_01_Complete.pdf">http://www.electronics.etfbl.net/journal/EI_2008_01_Complete.pdf</a> )
13	Clara-Mihaela Ionescu, Faiber I. Robayo, Robin De Keyser, and M. B. Naumović: The Transfer Function Analyzer Revisited, in Proc. the IEEE 18th Mediterranean Conference on Control and Automation (MED'10), June 23-25, 2010, Marrakech, Marocco, Mediterranean Control Association, pp. 1441-1446, ISBN 978-1-4244-8090-6, (DOI: 10.1109/MED.2010.5547845) (Online <a href="http://dx.doi.org/10.1109/MED.2010.5547845">http://dx.doi.org/10.1109/MED.2010.5547845</a> ).
14	M. B. Naumović, M.R. Stojić: Regulation and Tracking in Digital Systems with Cross-Coupling Control, Electronics, Vol. 9, No. 1, October 2005, pp. 31-35, (Online <a href="http://www.electronics.etfbl.net/journal/EI_2005_1_Complete.pdf">http://www.electronics.etfbl.net/journal/EI_2005_1_Complete.pdf</a> ).
15	M.B. Naumović: Cross-Coupled Motion Controller for Two Cooperating Robot Arms, IEEE International Symposium on Industrial Electronics (ISIE'99), Bled, Slovenia, July 12-14, 1999, vol. 2, pp.909-913.
16	M.B. Naumović, M.R. Stojić: Velocity Estimation in Digital Controlled DC Servo Drives, Proc. 24th Annual Conference of the IEEE Industrial Electronics Society (IECON'98), Aachen, August31-September 4, 1998, vol. 3/4, pp. 1505-1508.
17	M.B. Naumović, M.R. Stojić: Design of the Observer-Based Cross-Coupled Positioning Servodrives, IEEE International Symposium on Industrial Electronics (ISIE'97), Guimarães, Portugal, July 7-11, 1997, vol. 2/3, pp. 643-648.
18	M.B. Naumović, M.R. Stojić: Suitable Introductions of Integral Terms in the Design of Control Systems, Scientific Review, Number 21-22, 1996, pp.81-92.
19	M.B. Naumović: Experience with Self-Tuning Control Design in High-Precision Positioning Systems, Proc. IEEE International Symposium on Industrial Electronics (ISIE'95), Athens, July 10-14, 1995, vol. 2 of 2, pp. 712-717.
20	M.B. Naumović: Some Discretizing Problems in Control Theory, XLII International Scientific Conference on Information, Communication and Energy Systems and Technologies (ICEST 2007), June 24-27, 2007, Ohrid, Macedonia, Faculty of Technical Sciences, Bitola, Macedonia, Vol. 2, pp. 573-576, 2007, ISBN 9989-786-06-2, (Online <a href="http://www.icestconf.org/images/proceedings/icest_2007_02.pdf">http://www.icestconf.org/images/proceedings/icest_2007_02.pdf</a> ).

**Cumulative data of the scientific activity of the lecturer**

Total number of citations	45	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	4	Number of international projects at which the lecturer currently participates	

**Specializations**

Ruhr-Universität Bochum, Lehrstuhl für Automatisierungstechnik und Prozessinformatik, 1985, 2007; Ghent University, Faculty of Applied Sciences-EeSA, 2007, 2009.

**Other data considered relevant**

Author of a Monograph: Z- or Delta Transform? (in Serbian), Faculty of Electronic Engineering, Niš, 2002.

Participant and supervisor of 15 domestic R&D projects, and 6 international projects (WUS, UNESCO-BRESCE ).

Visiting Professor, University of East Sarajevo, Faculty of Electrical Engineering, B&H, 1998-present


## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Nikolić R. Tatjana		
<b>Title</b>	Assistant professor		
<b>Specific scientific field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	10.10.2011.	Faculty of Electronic Engineering Niš	Electronics
PhD	01.10.2010.	Faculty of Electronic Engineering Niš	Electronics
Diploma	20.04.2000.	Faculty of Electronic Engineering Niš	Electronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	DSP architectures and algorithms		
2			
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	M. K. Stojčev, G. Lj. Djordjevic, T. R. Stanković, "Implementation of self-checking two-level combinational logic on FPGA and CPLD circuits", <i>Microelectronics Reliability</i> , Vol. 44, No. 1, Elsevier Inc, pp. 173-178, January 2004, ISSN: 0026-2714, <a href="http://dx.doi.org/10.1016/S0026-2714(03)00377-9">http://dx.doi.org/10.1016/S0026-2714(03)00377-9</a>		
2	T. R. Nikolic, M. K. Stojcev, G. Lj. Djordjevic, "CDMA bus based on-chip interconnect infrastructure", <i>Microelectronics Reliability</i> , Vol. 49, No. 4, April 2009, pp. 448-459, ISSN: 0026-2714, doi:10.1016/j.microrel.2009.02.002		
3	E. I. Milovanovic, T. R. Nikolic, M. K. Stojcev, I. Z. Milovanovic, "Multi-functional Systolic Array with Reconfigurable Micro-Power Processing Elements", <i>Microelectronics Reliability</i> , Vol. 49, No. 7, July 2009, pp. 813-820, ISSN: 0026-2714, doi:10.1016/j.microrel.2009.03.019		
4	M. K. Stojcev, I. Z. Milovanovic, E. I. Milovanovic and T. R. Nikolic, "Address generators for linear systolic array", <i>Microelectronics Reliability</i> , Vol. 50, No. 2, February 2010, pp. 292-303, ISSN: 0026-2714, doi:10.1016/j.microrel.2009.11.005		
5	G. Lj. Djordjevic, M. K. Stojcev, T. R. Stankovic, "Approach to partially self-checking combinational circuit design", <i>Microelectronics Journal</i> , Elsevier Ltd, Vol. 35, No. 12, pp. 945-952, December 2004. ISSN: 0026-2692. <a href="http://dx.doi.org/10.1016/j.mejo.2004.07.007">http://dx.doi.org/10.1016/j.mejo.2004.07.007</a>		
6	Goran Jovanović, Mile Stojčev, Tatjana Nikolić, "Clock Jitter Generator with Picoseconds Resolution", <i>International Journal of Electronics</i> , 2012. ISSN: 0020-7217, <a href="http://dx.doi.org/10.1080/00207217.2012.720953">http://dx.doi.org/10.1080/00207217.2012.720953</a>		
7	Tatjana Nikolic, Mile Stojcev, Goran Djordjevic, Zoran Stamenkovic, "Wrapper Design for CDMA Shared Bus in SoC", Thomas S. Clary, Editor, Chapter in book "Horizons in Computer Science Research", Volume 2, Nova Science Publishers, Inc. New York, 2011, pp. 1-34, ISBN: 978-1-61761-439-2, <a href="https://www.novapublishers.com/catalog/product_info.php?products_id=17127">https://www.novapublishers.com/catalog/product_info.php?products_id=17127</a>		
8	M. Stojčev, Lj. Golubović, T. Nikolić, "Clocks, Power and Synchronization in Duty-Cycled Wireless Nodes", <i>Facta Universitatis (Nis)</i> , Series: Electronics and Energetics, Vol. 24, No. 2, August 2011. <a href="http://factae.elfak.ni.ac.yu/instruction.html">http://factae.elfak.ni.ac.yu/instruction.html</a>		
9	Goran Jovanović, Mile Stojčev, Tatjana Nikolić, "Programmable Jitter Generator", <i>International Journal of Reasoning-based Intelligent Systems</i> , Vol. 4, No. 1, pp. 39-45, 2012. ISSN: 1755-0556 <a href="http://dx.doi.org/10.1504/IJRIS.2012.046490">http://dx.doi.org/10.1504/IJRIS.2012.046490</a>		
10	G. Jovanović, M. Stojčev, T. Nikolić, Z. Stamenković, "Programmable Jitter Generator Based on Voltage Controlled Delay Line", <i>Scientific Publications of the State University of Novi Pazar, Ser. A: Applied Mathematics, Informatics and Mechanics</i> , Vol. 4, No. 1, 2012, pp. 61-73, ISSN 2217-5539		
11	T. Nikolić, G. Djordjević, M. Stojčev, M. Krstić, "Data Transfers over Peripheral Bus Using CDMA Technique", <i>Scientific Publications of the State University of Novi Pazar, Ser. A: Applied Mathematics, Informatics and Mechanics</i> , Vol. 3, No. 1, 2011, pp. 35-41, ISSN 2217-5539		
12	Tatjana R. Nikolić, Mile K. Stojčev, "CDMA Coded Wrapper-Based System Bus", <i>Electronics</i> , Vol. 12, No. 1, 1st June 2008, pp. 16-20, YU ISSN 1450-5843		
13	Mile Stojcev, Tatjana Nikolic, Emina Milovanovic, Igor Milovanovic, "Communication architecture for interconnecting IP blocks in SoC design using a LCDMA technique", <i>Book of Abstracts, 7th International Conference on Parallel Matrix Algorithms and Applications (PMAA 2012)</i> , 28-30 June 2012, Birkbeck University of London, UK, p. 16		
14	Tatjana Nikolić, Mile Stojčev, "A Fault-Tolerant Interconnections Using LCDMA and Duplication with Comparison Technique", <i>XI International Conference on Systems, Automatic Control and Measurements (SAUM 2012)</i> , Niš, Serbia, 14-16 November, 2012, pp. 402-405		



15	Nemanja Savić, Mile Stojčev, Tatjana Nikolić, "Fault Tolerant Pseudorandom Number Generator", Proceedings of Mediterranean Conference on Embedded Computing, MECO 2012, Bar, Montenegro, 19-21 June, 2012, pp. 30-33, ISBN 978-9940-9436-0-8		
16	J. Zdravković, M. Jelenković, T. R. Nikolić, "Possibilities for FIR Filter Kernel Code Optimization for DSP Processors", Proc. 28th International Conference on Microelectronics (MIEL 2012), Niš, Serbia, 13-16 May, 2012, pp. 427-430, ISBN 978-1-4673-0236-4		
17	Tatjana Nikolić, Mile Stojčev, Goran Jovanović, "A Fault-Tolerant Interconnections Using LCDMA Technique", Proc. 28th International Conference on Microelectronics (MIEL 2012), Niš, Serbia, 13-16 May, 2012, pp. 419-422, ISBN 978-1-4673-0236-4		
18	Goran Jovanović, Mile Stojčev, and Tatjana Nikolić, "Programmable Jitter Generator", XLVI International Scientific Conference on Information, Communication and Energy Systems and Technologies, ICEST 2011, Niš, Serbia, 29 June - 1 July, 2011, pp. 53-58, <a href="http://icestconf.org">http://icestconf.org</a>		
19	Tatjana Nikolic, Mile Stojcev, "Multiple-Bit Parallel CDMA Data Transfer over Common Bus", Proc. 27th International Conference on Microelectronics (MIEL 2010), Niš, Serbia, 16-19 May, 2010, pp. 365-368, ISBN 978-1-4244-7198-0		
20	Tatjana Nikolic, Mile Stojcev, Zoran Stamenkovic, "Wrapper Design for a CDMA Bus in SOC", 13th IEEE International Symposium on Design and Diagnostics of Electronic Circuits and Systems (DDECS 2010), April 14-16, 2010, Vienna, Austria, pp. 243-248, ISBN: 978-1-4244-6611-5		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	45	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	6	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
From 01.03.2005. to 31.03.2005. - professional specialization at the University of Dortmund, Germany; from 15.06.2009. to 15.07.2009. - professional specialization at the IHP Institute in Frankfurt Oder, Germany			
<b>Other data considered relevant</b>			



## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Nikolić V. Saša	
<b>Title</b>		Assistant professor	
<b>Specific scientific field</b>		Electronics	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	23.09.2004	Faculty of Electronic Engineering, Niš	Electronics
PhD	12.02.2004.	Faculty of Electronic Engineering, Niš	Electronics
Diploma	05.11.1991.	Faculty of Electronic Engineering, Niš	Electronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Digital signal processing		
2	Computer vision		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	V. Stojanović and S. Nikolić, "Direct design of transitional Butterworth-Chebyshev recursive digital filters," Electronics letters, vol. 23, no. 3, pp. 286–287, 1993.		
2	S. Nikolić and V. Stojanović, "Transitional butterworth-chebyshev recursive digital filters," Int. J. Electronics, vol. 80, no. 1, pp. 13–20, 1996.		
3	V. Stojanović and S. Nikolić, "Direct design of sharp cutoff low pass recursive digital filters," Int.J. Electronics, vol. 85, no. 5, pp. 589–596, 1997.		
4	S. Nikolić and G. Stančić, "Design of IIR notch filter with approximately linear phase," Circuits, Systems & Signal Processing, vol. 31, no. 6, pp. 2119–2131, 2012		
5	M. Stefanović, S. Minić, S. Nikolić, S. Panić, M. Perić, D. Radenković, and M. Gligorijević, "The CCI effect on system performance in kappa-mu fading channels," Technics Technologies Education Management, vol. 7, no. 7, pp. 88–92, 2012.		
6	S. Cvetković, M. Jelenković, S. Nikolić: "Video summarization using color features and efficient adaptive threshold technique", Przeglad Elektrotechniczny (Review on Electrical Engineering), vol. 89, no. 2a, 2013, pp 247-250. (ISSN 0033-2097)		
7	G. Stančić and S. Nikolić, "Digital linear phase notch filter design based on IIR all-pass filter application", Digital Signal Processing, 2013, DOI 10.1007/s00034-012-9426-x.		
8	V. Stojanović and S. Nikolić, "On direct design of selective recursive digital filters," Facta Universitatis ser: Electronics and Energetics, vol. 10, no. 2, pp. 311–323, 1997.		
9	A. Micić, S. Nikolić, and V. Stojanović, "Watermarking schema for digital still images based on geometrical transformation," Facta Universitatis ser: Electronics and Energetics, vol. 17, no. 2, pp. 251–259, 2004.		
10	G. Stančić and S. Nikolić, "Design of narrow stopband recursive digital filter," Facta Universitatis, ser: Electronics and Energetics, vol. 24, no. 1, pp. 119–130, 2011.		
11			
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<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	22	Number of domestic projects at which the lecturer currently participates	
Total number of papers at the SCI (SSCI) list	7	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Pavlović D. Vlastimir		
<b>Title</b>	Full professor		
<b>Specific scientific field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	25.11.2010	Faculty of Electronic Engineering, Niš	Electronics
PhD	30.06.1986	Faculty of Electrical Engineering, Belgrade	Electronics
Diploma	30.06.1979	Faculty of Electronic Engineering, Niš	Electronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Synthesis of filters		
2	Approximation methods		
3	Digital processing of audio signal		
4			
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<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	V. D. Pavlović, "New class of filter functions generated directly by the modified Christoffel–Darboux formula for classical orthonormal Jacobi polynomials", International Journal of Circuit Theory and Applications, DOI: 10.1002/cta.1817, in press.		
2	V. D. Pavlović, "Explicit form of new class of extremal filter functions with mini-max behaviour of summed sensitivity function", International Journal of Electronics, vol. 99, No. 12, pp. 1-21, iFirst, 2012, DOI:10.1080/00207217.2012.713026, in press.		
3	V. D. Pavlović, D. Nebojša, and D. Ćirić, "1D and 2D FIR filters generated by Chebyshev polynomials of the First Kind", International Journal of Electronics, vol. 100, pp.1-28, iFirst, (ID: 764549 DOI:10.1080/00207217.2013.764549), in press.		
4	D. G. Ćirić, V. D. Pavlović, "Generalised Christoffel–Darboux formula most directly applied in generating fully symmetric doubly resistively terminated LC lossless ladder filters", International Journal of Electronics, DOI:10.1080/00207217.2012.727352, in press.		
5	V. D. Pavlović, D. G. Ćirić, and N. S. Dončov, "Christoffel-Darboux formula most directly applied in generating economical linear phase low-pass digital FIR filter functions", Electronics and Electrical Engineering, vol. 18, no. 8, pp. 109–112, 2012.		
6	M. Lutovac, V. D. Pavlović, "Efficient multirate EMQF digital filters" Electronics and Electrical Engineering, vol. 119, no. 3, pp. 39–44, 2012.		
7	D. G. Ćirić, V. D. Pavlović, "Linear Phase Two-Dimensional FIR Digital Filter Functions Generated by applying Christoffel-Darboux Formula for Orthonormal Polynomials", Electronics and Electrical Engineering, vol. 120, no. 4, pp. 39-42, 2012.		
8	V. D. Pavlović, "An explicit form of all–pole filter function with decreasing envelope of the summed sensitivity function", International Journal of Circuit Theory and Applications, vol. 39, no. 5, pp. 515–531, 2011.		
9	A. Ilić, V. D. Pavlović, "New class of filter functions generated most directly by Christoffel-Darboux formula for Gegenbauer orthogonal polynomials", International Journal of Electronics, vol. 98, no. 1, pp. 61–79, 2011.		
10	V. D. Pavlović, A. Ilić, "New class of filter functions generated most directly by the Christoffel-Darboux formula for classical orthonormal Jacobi polynomials", International Journal of Electronics, vol. 98, no. 12, pp. 1603–1624, 2011.		
11	V. D. Pavlović, S. D. Djordjević, "A novel structure of the fully differential CMOS amplifier with symmetric active load", International Journal of Electronics, vol. 96, no. 4, pp.331-349, 2009.		
12	V.S.Stojanović, V.D.Pavlović, "Transitional Murromaf-Murroer filters", Electronic Letters, Vol. 15, No. 12, 1979, pp. 356-357, UK.		
13	V.S.Stojanović, V.D.Pavlović, "Transitional multipole pole transfer functions for active filter desing", Electronic Letters, January, 1980, Vol. 16, No. 1, pp. 21-22.		
14	V.D.Pavlović, "Least square low-pass filter using Chebishev polinomials", Int. J. Electronics, 1982, Vol. 53, No. 4, pp. 371-379, UK.		
15	V.D.Pavlović, "Direct synthesis of filter transfer functions", IEE Proceedings, Vol. 131, Pt. 6, No. 4, August 1984, pp. 156-160, UK.		
16	B.D.Raković, V.D.Pavlović, "A method of designing double terminated lossy ladder filters with incresed element tolerances", IEE Proceedings, Vol. 134, Pt G, No. 6, December 1987, pp. 285-291, UK.		

17	V. D. Pavlović, M. M. Lutovac, M. D. Lutovac, Automated knowledge-based filter synthesis using modified Legendre approximation and optimisation of summed sensitivity, International Journal of Reasoning-based Intelligent Systems 4 (1), 17-27.		
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<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	140	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	17	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Petrović D. Branislav		
<b>Title</b>	Full professor		
<b>Specific scientific field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	28.12.2005	Faculty of Electronic Engineering Niš	Electronics
PhD	10.01.1995	Faculty of Electronic Engineering Niš	Electronics
Diploma	30.06.1980	Faculty of Electronic Engineering Niš	Electronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Data Acquisition and Processing Systems		
2			
3			
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5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	B. Petrović, M. Stojčev, "OTA-Based Dual Input Integrator", International Journal of Electronics, Vol. 73, No. 6, pp. 1253-1260, 1992.		
2	B. Petrović, M. Stojčev, D. Krstić, "Propagation delay time measurement through combinational logic circuit using heterodyne technique", Measurement Science and Technology, Vol.6, No 3, Jul 1995, pp 1028-1034.		
3	M. Stojčev, B. Petrović, D. Radenković, "Programable Digital Shifters", Electronic Engineering, 1998, Vol. 5, pp. 23-31.		
4	B. D. Petrović, M. K. Stojčev, "Phase Measurement System based on Embedded Microcomputer", Facta Universitatis, series Mechanical Engineering, Vol. 1, No 10, 2004. University of Niš. Computational Intelligence and Informational Technologies.		
5	B. D. Petrovic and G. S. Nikolic "Software Tool for Distributed Elevator Systems" SCIENTIFIC PUBLICATIONS OF THE STATE UNIVERSITY OF NOVI PAZAR, Ser. A: Appl. Math. Inform. and Mech. Vol.3, Issue No. 1(2011), 43-51, ISSN 2217-5539		
6	B. D. Petrović, G. S. Nikolić, M. D. Jovanović, "Dimensioning of a Motor Drive Inverter for Lift Systems", XI International SAUM Conference on Systems, Automatic Control and Measurements, SAUM 2012, Proceedings, Nis, Serbia, November 14-16, 2012, pp. 32-35, ISBN 978-86-6125-072-9, COBISS.SR-ID 194625292		
7	M. D. Jovanović, G. S. Nikolić, B. D. Petrović, G. Lj. Djordjević, "TDMA Protocols with Reduced Frame for Wireless Sensor Networks", XI International SAUM Conference on Systems, Automatic Control and Measurements, SAUM 2012, Proceedings, Nis, Serbia, November 14-16, 2012, pp. 435-438, ISBN 978-86-6125-072-9, COBISS.SR-ID 194625292		
8	B. Petrović, G. Nikolić "Concept of the High Reliability Motor Drive System for Lift", Proceedings of 28th INTERNATIONAL CONFERENCE ON MICROELECTRONICS, MIEL 2012, Niš, Serbia, 13-16 May 2012, pp. 431-434, IEEE Catalog Number: CFP12432-CDR, ISBN: 978-1-4673-0236-4, Published by the ELECTRON DEVICES SOCIETY of the INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.		
9	Milica D. Jovanović, Goran Lj. Đorđević, Goran S. Nikolić and Branislav D. Petrović "Multi-channel Media Access Control for Wireless Sensor Networks: a Survey", Proceedings of Papers, 2011 10th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, Serbia (TELSIKS), Niš, 5-8 October, 2011, pp. Volume 2 of 2 volumes, 741-744, Institute of Electrical and Electronics Engineers (IEEE), and Faculty of Electronic Engineering, University of Niš, Serbia, IEEE Catalog Number: CFP11488-CDR, ISBN: 978-1-4577-2017-8, 978-86-6125-046-0		
10	Branislav Petrović, Goran Nikolić and Milica Jovanović "Power consumption analysis of distributed lift system", Icest 2011, XLVI International Scientific Conference on Information, Communication and Energy Systems and Technologies, Serbia, Nis, June 29 – July 1, 2011, vol. 2, pp. 279- 282, ISBN 978-86-6125-031-6.		
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<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	4	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	3	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Petković M. Predrag	
<b>Title</b>		Full professor	
<b>Specific scientific field</b>		Electronics	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	20.06.2001.	Faculty of Electronic Engineering, Niš, Serbia	Electronics
PhD	21.11.1990.	Faculty of Electronic Engineering, Niš, Serbia	Electronics
Diploma	17.02.1979.	Faculty of Electronic Engineering, Niš, Serbia	Electronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Electronic Circuits and System Design		
2	Simulation and Optimization of Electronic Circuits		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Stevanović, D., Petković, P.: The Efficient Technique for Harmonic Sources Detection at Power Grid, Przegled Elektrotechniczny, 2012, pp. 196-199, ISSN 0033-2097		
2	Djordjević, Sr., Petković, P., Litovski, V.: A new topology oriented method for symbolic analysis of electronic circuits, Journal of Circuits Systems and Computers, Vol.19, No.8, 2010, pp. 1781-1795, ISSN 0218-1266		
3	Stevanović, D., Petković, P., Jovanović, B.: Modelling and Simulation of Power Consumption at Nonlinear Loads, International Journal of Research and Reviews in Computer Science (IJRRCS)-Special Issue April, Science Academy Publisher United Kingdom, April, 2011, pp. 27-32, ISSN 2079-2557		
4	Litovski, V., Andrejević Stošović, M., Petković, P., Damper, R.: ANN Application to Modelling of the D/A and A/D Interface for Mixed-Mode Behavioural Simulation, Journal of Circuits, Systems and Computers, Volume 13, Number 1, February, 2004, pp. 181-192, ISBN 0218-1266		
5	Djordjević, Sr., Petković, P.: A Hierarchical Approach to Large Circuit Symbolic Simulation, Microelectronics Reliability, December, 2001, pp. 2041-2049, ISSN:0026-271		
6	Živković, V., Petković, P., Milovanović, D.: Automatic Symbolic Analysis of SC Networks Using a Modified Nodal Approach, Microelectronic Journal, Vol. 29, No. 10, 1998, pp. 741-746, ISSN: 0026-2692		
7	Petković, P., Litovski, V., Milovanović, D.: Symbolic Fault Modelling and Test Generation of MOS Circuits, Microelectronics and Reliability, Vol 37, No 1, England, 1997, pp. 137-157, ISSN:0026-2714		
8	Petković, P., Litovski, V., Stojilković, S.: New Factorization Algorithm for Symbolic Circuit Analysis, Electronic Letters, Vol. 31, No. 13, 22. Jun, 1995, pp. 1026-1027, ISSN: 0013-5194		
9	Stanojlović, M., Petković, P.: Hardware Based Strategies Against Side-Channel-Attack Implemented in WDDL, Electronics, Vol. 14, No. 1, University of Banja Luka, June, 2010, pp. 117-122, ISSN: 1450-5843		
10	Mirković, D., Petković, P.: Multi Channel $\Sigma\Delta$ A/D Converter For Integrated Power Meter, Electronics, Vol. 14, No. 1, University of Banja Luka, June, 2010, pp. 123-127, ISSN: 1450-5843		
11	Litovski, V., Petković, P.: Why The Power Grid Needs Cryptography?, Electronics, Vol. 13, No. 1, University of Banja Luka, June, 2009, pp. 30-36, ISSN: 1450-5843		
12	Marinković, M., Andjelković, B., Petković, P.: Compact Architecture of Digital Decimation Filters in Solid-State Energy Meter, Electronics, Vol. 10, No. 2, University of Banja Luka, December, 2006, pp. 28-32, ISSN 1450-5843		
13	Sokolović, M., Savić, M., Nikolić, M., Litovski, V., Jevtić, M., Petković, P.: Testing and Diagnostics of ADC and Integrated Powermeter, Electronics, Vol. 9, No. 1, University of Banja Luka, Oktobar, 2005, pp. 25-30, ISSN 1450-5843		
14	Marinković, M., Andjelković, B., Petković, P.: Compact MAC Architecture of Hilbert Transformer in Solid-State Energy Meter, Electronics, vol. 8, No.2, University of Banja Luka, Decembar, 2004, pp. 21-26, ISSN: 1450-5843		
15	Damnjanović, M., Petković, P., Jovanović, B.: Integrated Power Meter IC Calibration, Electronics, vol. 8, No.2, University of Banja Luka, December, 2004, pp. 45-48, ISSN: 1450-5843		
16	Stevanović, D., Jovanović, B., Petković, P., Litovski, V.: Korišćenje snage distorzije za identifikaciju izvora harmonijskog zagađenja na mreži, Tehnika - Elektrotehnika, 6/2011, Savez inženjera i tehničara Srbije, 2011, pp. 975-980, ISSN 0040-2176		



17	Bogosavljević, S., Mitić, V., Petković, P., Radmanović, M.: Simbolicki metod za projektovanje elektricnih svojstava BaTiO <sub>3</sub> - keramickih materijala u funkciji parametara konsolidacije, Tehnika, god. 51, broj 7-8., 1996, 6NM-10NM		
18	Litovski, V., Mrčarica, Ž., Petković, P.: Izbor modela kratkokanalnog MOS tranzistora za simulaciju elektronskih kola, Tehnika (Elektrotehnika), Vol. 15, No 5-6, Beograd, 1991, E1-E5		
19	Litovski, V., Milenković, S., Petković, P.: Analiza MOS integrisanih kola upotrebom programa MOST II, Elektronika (nauka i praksa), Vol.8, No 1/2, Jun, 1988, pp. 14-Mar		
20	Petković, P.: Električna analiza integrisanih kola velikog stepena složenosti, u monografiji Projektovanje VLSI, I deo, Nauka, Beograd, 1991, pp. 1-106		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	50	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	7	Number of international projects at which the lecturer currently participates	2
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Radmanović Đ. Milan	
<b>Title</b>		Full professor	
<b>Specific scientific field</b>		Electronics	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	22.09.2004.	Faculty of Electronic Engineering	Electronics
PhD	25.11.1988.	Faculty of Electronic Engineering	Electronics
Diploma	06.09.1972.	Faculty of Electronic Engineering	Electronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Ultrasonic Technique		
2	Modern Driver Circuits for Converters		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	M.Radmanović, D.Mančić: "Design and Modeling of the Power Ultrasonic Transducers", MP Interconsulting, Le Locle, Switzerland, 198 pages, 2004.		
2	V.S.Stojanović, M.Đ.Radmanović: "Chebyshev delay approximation of even degree with constraint at the origin", Electronics Letters, Vol.14, No.6, pp. 202-204, March 1978.		
3	B.D.Raković, M.Đ.Radmanović: "Least squares magnitude filters with self-equalized delay characteristic", Electronic Letters, Vol.17, No.22, pp. 833-834, October 1981.		
4	B.D.Raković, M.Đ.Radmanović, M.V.Popović: "Transfer functions of selective filters with equalised passband group delay response", IEE Proceedings-G, Vol.129, Pt.6, No.1, pp. 11-17, February 1982.		
5	B.D.Raković, M.Đ.Radmanović: "Some comparisons of approximation techniques in the design of delay equalized selective filter", IEE Proceedings-G, Vol.130, Pt.6, No.2, pp. 53-60, April 1983.		
6	D.Mančić, M.Radmanović: "Piezoceramic ring loaded on each face: a three-dimensional approach", Journal of Technical Acoustics, Vol. 2, pp. 1.1-1.7, 2002.		
7	I.Jovanović, D.Mančić, M.Šoja, S.Lubura, M.Radmanović, Z.Petrušić: "P Spice Model of a Boost Converter with Dual Current-Mode Control", International Scientific Conference UNITECH-'11, Gabrovo, Bulgaria, Vol. I, pp. I-252 - I-257, 18-19. November 2011.		
8	D.Stefanović, V.Dimić, M.Radmanović, D.Mančić, L.Lukić and Lj.Vuličević: "Synthesis of BaTiO <sub>3</sub> Ceramics for Piezoelectric Transducers", Science of Sintering, Vol. 28, No 1, pp. 51-57, Jan.-Apr., 1996.		
9	M.Radmanović, D.Mančić: "Recent Advances in Power Electronics", INFOTEH 2001, Jahorina, pp. 103-107, 12-14. March 2001.		
10	D.Mančić, M.Radmanović: "A numerical approach to analysis of axisymmetric rings", Facta Universitatis, Series: Mechanics, Automatic Control and Robotics, Vol. 4, No 16, pp. 141-156, 2004.		
11	D.Mančić, M.Radmanović: "Design of ultrasonic transducers by means of the apparent elasticity method", Facta Universitatis, Series: Working and Living Environmental Protection, Vol. 2, No. 4, pp. 293-300, 2004.		
12	D.Mančić, Z.Petrušić, M.Veljković, M.Radmanović, D.Jovanović: "Design and Construction of a Two-Axis Rotating Sun-Tracking System", 39th International Congress on Heating, Refrigerating and Air Conditioning, Belgrade, Serbia, pp. 498-508, 3-5. December 2008.		
13	D.Mančić, V.Dimić, M.Radmanović: "Resonance frequencies of PZT piezoceramic disks: a numerical approach", Facta Universitatis, Series: Mechanics, Automatic Control and Robotics, Vol. 3, No. 12, pp. 431-442, 2002.		
14	D.Mančić, Z.Petrušić, M.Radmanović: "P Spice Model of Photovoltaic Modules", 14th International Symposium on Power Electronics Ee 2007, Novi Sad, Serbia, Paper No. T7-2.3, pp. 1-5, 7-9. November 2007.		
15	N.Madžarov, T.Todorov, D.Mančić, M.Radmanović: "Half and Full Bridge IGBT Inverters With Energy Dosing", 9th International Symposium on Power Electronics Ee'97, Novi Sad, pp. 120-127, 22-24. October 1997.		
16	M.Simeonov, D.Dankov, M.Radmanović, D.Mančić: "A Class E MOSFET Inverter for Induction Heating", 9th International Symposium on Power Electronics Ee'97, Novi Sad, pp. 107-114, 22-24. October 1997.		
17	D. Mančić, M. Radmanović, D. Stefanović, V. Dimić: "One solution of electronic system for driving high-power ultrasonic transducers", Power Electronics-'96, Gabrovo, Bulgaria, pp. 118-122, 26-27. June 1996.		

18	A.Kocić, D.Mančić, M.Radmanović: "A Microprocessor-Based Control Unit for Three-Phase Inverters", Proc. 17th International Spring Seminar on Semiconductor and Hybrid Technologies, Sozopol, Bulgaria, pp. 198-204, 1994.		
19	B.D.Raković, M.Đ.Radmanović: "Lowpass prototype functions for delay equalized microwave filters with transmission zeros at real and imaginary frequencies", Proceeding of 1982. IEEE Symposium on Circuit and System, Vol.3, Rome, pp. 953-956, May 1982.		
20	I.Jovanović, D.Mančić, V.Paunović, M.Radmanović, V.V.Mitić: "Metal Rings and Discs Matlab/Simulink 3D Model for Ultrasonic Sandwich Transducer Design", Science of Sintering, Vol. 44, No. 3, pp. 287-298, doi: 10.2298/SOS1203287J, Sep.-Dec. 2012.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	30	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	9	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Stanković, S. Radomir	
<b>Title</b>		Professor	
<b>Specific scientific field</b>		Computing and Informatics	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	22.04.1997	Faculty of Electronic Engineering, Niš	Computing and Informatics
PhD	1986.	Faculty of Electrical Engineering, Belgrade	Applied mathematics
Diploma	1976.	Faculty of Electronic Engineering, Niš	Automatic
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Signals and Systems		
2	Representations and Methodologies for Future Computer Systems		
3	Application of Spectral Techniques in Digital Systems Design		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Stankovic, R.S., Astola, J., Moraga, C., "Design of Multiple-Valued Logic Networks with Regular Structure by Using Spectral Representations", Multiple-Valued Logic and Soft Computing, vol. 19 No 1-3, ,2012, 251-269.		
2	Moraga, C. , Astola, J., Stankovic, R.S. "Spectral Analysis of Mosaics", Journal of Multiple-Valued Logic and Soft Computing, vol. 19 No 4, ,2012, 341-359.		
3	Astola, J., Stankovic, R.S., "Determination of Sparse Representations of Multiple-Valued Logic Functions by Using Covering Codes", Journal of Multiple-Valued Logic and Soft Computing, vol. 19 No 4, 2012, 285-306.		
4	Stanković, R.S., Stanković, S., Astola, H., Astola, J.T., "Equivalence classes of Boolean Functions", in T. Sasao, J. T. Butler, (eds.), Progress in Applications of Boolean Functions, Morgan & Claypool Publishers, 2010, 1-31.		
5	Keren, O., Levin, I., Stanković, R.S., "Linearization of logical functions defined by a set of orthogonal terms, 2, Theoretical Aspects", Automation and Remote Control, Vol. 72, No. 3, 2011, 616-623.		
6	Keren, O., Levin, I., Stanković, R.S., "Linearization of logical functions defined by a set of orthogonal terms, 2, Algorithmic Aspects", Automation and Remote Control, Vol. 72, No. 4, 2011, 818-827.		
7	Keren, O., Levin, I., Stanković, R.S., "Determining the number of paths in decision diagrams by using autocorrelation coefficients", IEEE Trans. Computer Aided Design of Integrated Circuits and Systems, Vol. 30, No. 1, 2011, 31-44.		
8	Jankovic, D.; Stankovic, R.S.; Moraga, C., "Optimization of polynomial expressions by using the extended dual polarity", IEEE Trans. Computers, Vol. 58, Mo. 12, 2009, 1710-1725.		
9	Stojkovic, S., Stankovic, M., Stankovic, R.S., "Transformation of BDD into Heterogeneous MDD with minimal cost", IEICE Trans. Fundamentals, Vol. E92-A, No.10 , 2009, 2580-2587.		
10	Moraga, C., Stojkovic, S., Stankovic, R.S., "Periodic behaviour of generalized Reed-Muller spectra", Multiple Valued Logic and Soft Computing, Vol. 15, No. 4, 2009, 267-281.		
11	Minasyan, S., Stankovic, R.S., Egiazarian, K., Astola, J., "Hybrid Reed-Muller Haar representations of logic functions", Multiple Valued Logic and Soft Computing, Vol. 15, No. 4, 341-359.		
12	Stankovic, R.S., Astola, J.T., "Interpretations of the sampling theorem in multiple-valued logic", Multiple-Valued Logic and Soft Computing, Vol. 13, No. 4-5. 2007, 467-486.		
13	Jankovic, D., Stankovic, R.S., Moraga, C., "Implementation complexity of algorithms for optimization of Galois field expressions for multiple-valued functions", Multiple-Valued Logic and Soft Computing, Vol. 13, No. 4-5, 2007, 521-536.		
14	Stankovic R.S., Stankovic M.M, Moraga C, "Haar Wavelet Transforms and Haar Spectral Transform Decision Diagrams for Switching and Multiple-valued Functions", JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING 11 (1-2): 67-94 2005.		
15	Drechsler, R., Jankovic, D., Stankovic, R.S., "Generic implementation of multi-valued logic decision diagram packages", Multiple-Valued Logic and Soft Computing, Vol. 11, No. 1-2, 2005.		
16	Stankovic R.S., Jankovic D., Falkowski B.J., "Minimization of Haar wavelet series and Haar spectral decision diagrams for discrete functions", COMPUTERS & ELECTRICAL ENGINEERING 31 (3): 203-216 MAY 2005.		

17	Falkowski B.J., Stankovic R.S., Jankovic D., "Minimization of circuit design using permutation of Haar wavelet series", JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS 14 (3): 483-495 JUN 2005.		
18	Porwik, P., Stankovic, R.S., "Dedicated spectral method of Boolean function decomposition", INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume 16, Issue 2, 2006, Pages 271-278: 2006.		
19	Stankovic, R.S., Astola, J.T., Moraga, C., "Convolution on finite groups and fixed-polarity polynomial expressions", Proc. 12th Int. Workshop on Computer Aided System Theory, Las Palmas, Gran Canaria, Spain, February 2009, 171-172. Revised selected papers in Moreno-Diaz, R., Pichler, F., Quesada, A., (Eds.): Computer Aided Systems Theory - EUROCAST 2009, LNCS 5717, 2009, 501-509, Springer-Verlag Berlin Heidelberg 2009, ISBN: 978-3-642-04771-8		
20	Stankovic, R.S., Moraga, C., Astola, J.T., "Reed-Muller expressions in the previous decade", Multiple-Valued Logic and Soft Computing, Vol. 10, No. 1, 2004, 5-28.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	302	Number of domestic projects at which the lecturer currently participates	OI174026, III44006
Total number of papers at the SCI (SSCI) list	35	Number of international projects at which the lecturer currently participates	Tempus DL@Web
<b>Specializations</b>			
Research grants: Kyushu Inst. of Technology Iizuka, Fukuoka, Japan, 1997., International Center for Signal Processing, Tampere University of Technologies,			
<b>Other data considered relevant</b>			
Monographs:			
Stankovic, R.S., Astola, J., Moraga, C., Representations of Multiple-Valued Logic Functions, Morgan & Claypool Publishers, 2012. ISBN-10: 160845942X			
Stankovic, R.S., Astola, J., From Boolean Logic to Switching Circuits and Automata: Towards Modern Information Technology, Springer, 2011, ISBN: 3642116817			
Astola, J., Stankovic, R.S., Fundamentals of Switching Theory and Logic Design: A Hands on Approach Book Description, Springer, 2010, ISBN: 1441939458			
Karpovsky, M.G., Stankovic, R.S., Astola, J.T., Spectral Logic and Its Applications for the Design of Digital Devices, Wiley & Sons, 2008, ISBN-10 0-471-73188-9 ISBN-13 978-0-471-73188-7 <a href="http://eu.wiley.com/WileyCDA/WileyTitle/productCd-0471731889.html">http://eu.wiley.com/WileyCDA/WileyTitle/productCd-0471731889.html</a>			
Astola, J.T., Stankovic, R.S., Fundamentals of Switching Theory and Logic Design, Springer, 2006.			
Yanushkevich, S.N., Miller, D.M., Shmerko, V.P., Stankovic, R.S., Decision Diagram Technique for Micro-and Nanoelectronic			
Stankovic, R. S., Moraga, C., Astola, J. Fourier Analysis On Finite Groups With Applications In Signal Processing And Systems			
Stankovic R. S., Astola J. T.,: Spectral Interpretation of Decision Diagrams , Springer, 2003.			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Stojčev K. Mile	
<b>Title</b>		Full professor	
<b>Specific scientific field</b>		Electronics and Computer Science	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	05.06.1992.	Faculty of Electronic Engineering Niš	Electronics
PhD	06.07.1984.	Faculty of Electronic Engineering Niš	Electronics
Diploma	16.05.1970.	Faculty of Electronic Engineering Niš	Electronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	DSP architectures and algorithms		
2	Microprocessor systems - advanced techniques		
3	Embedded system design		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	M. K. Stojčev, G. Lj. Djordjevic, T. R. Stanković, "Implementation of self-checking two-level combinational logic on FPGA and CPLD circuits", <i>Microelectronics Reliability</i> , Vol. 44, No. 1, Elsevier Inc, pp. 173-178, January 2004, ISSN: 0026-2714, <a href="http://dx.doi.org/10.1016/S0026-2714(03)00377-9">http://dx.doi.org/10.1016/S0026-2714(03)00377-9</a>		
2	T. R. Nikolic, M. K. Stojcev, G. Lj. Djordjevic, "CDMA bus based on-chip interconnect infrastructure", <i>Microelectronics Reliability</i> , Vol. 49, No. 4, April 2009, pp. 448-459, ISSN: 0026-2714, doi:10.1016/j.microrel.2009.02.002		
3	E. I. Milovanovic, T. R. Nikolic, M. K. Stojcev, I. Z. Milovanovic, "Multi-functional Systolic Array with Reconfigurable Micro-Power Processing Elements", <i>Microelectronics Reliability</i> , Vol. 49, No. 7, July 2009, pp. 813-820, ISSN: 0026-2714, doi:10.1016/j.microrel.2009.03.019		
4	M. K. Stojcev, I. Z. Milovanovic, E. I. Milovanovic and T. R. Nikolic, "Address generators for linear systolic array", <i>Microelectronics Reliability</i> , Vol. 50, No. 2, February 2010, pp. 292-303, ISSN: 0026-2714, doi:10.1016/j.microrel.2009.11.005		
5	G. Lj. Djordjevic, M. K. Stojcev, T. R. Stankovic, "Approach to partially self-checking combinational circuit design", <i>Microelectronics Journal</i> , Elsevier Ltd, Vol. 35, No. 12, pp. 945-952, December 2004. ISSN: 0026-2692. <a href="http://dx.doi.org/10.1016/j.mejo.2004.07.007">http://dx.doi.org/10.1016/j.mejo.2004.07.007</a>		
6	Goran Jovanović, Mile Stojčev, Tatjana Nikolić, "Clock Jitter Generator with Picoseconds Resolution", <i>International Journal of Electronics</i> , 2012. ISSN: 0020-7217, <a href="http://dx.doi.org/10.1080/00207217.2012.720953">http://dx.doi.org/10.1080/00207217.2012.720953</a>		
7	Tatjana Nikolic, Mile Stojcev, Goran Djordjevic, Zoran Stamenkovic, "Wrapper Design for CDMA Shared Bus in SoC", Thomas S. Clary, Editor, Chapter in book "Horizons in Computer Science Research", Volume 2, Nova Science Publishers, Inc. New York, 2011, pp. 1-34, ISBN: 978-1-61761-439-2, <a href="https://www.novapublishers.com/catalog/product_info.php?products_id=17127">https://www.novapublishers.com/catalog/product_info.php?products_id=17127</a>		
8	M. Stojčev, Lj. Golubović, T. Nikolić, "Clocks, Power and Synchronization in Duty-Cycled Wireless Nodes", <i>Facta Universitatis (Nis)</i> , Series: Electronics and Energetics, Vol. 24, No. 2, August 2011. <a href="http://factaee.elfak.ni.ac.yu/instruction.html">http://factaee.elfak.ni.ac.yu/instruction.html</a>		
9	Goran Jovanović, Mile Stojčev, Tatjana Nikolić, "Programmable Jitter Generator", <i>International Journal of Reasoning-based Intelligent Systems</i> , Vol. 4, No. 1, pp. 39-45, 2012. ISSN: 1755-0556 <a href="http://dx.doi.org/10.1504/IJRIS.2012.046490">http://dx.doi.org/10.1504/IJRIS.2012.046490</a>		
10	G. Jovanović, M. Stojčev, T. Nikolić, Z. Stamenković, "Programmable Jitter Generator Based on Voltage Controlled Delay Line", <i>Scientific Publications of the State University of Novi Pazar, Ser. A: Applied Mathematics, Informatics and Mechanics</i> , Vol. 4, No. 1, 2012, pp. 61-73, ISSN 2217-5539		
11	T. Nikolić, G. Djordjević, M. Stojčev, M. Krstić, "Data Transfers over Peripheral Bus Using CDMA Technique", <i>Scientific Publications of the State University of Novi Pazar, Ser. A: Applied Mathematics, Informatics and Mechanics</i> , Vol. 3, No. 1, 2011, pp. 35-41, ISSN 2217-5539		
12	Tatjana R. Nikolić, Mile K. Stojčev, "CDMA Coded Wrapper-Based System Bus", <i>Electronics</i> , Vol. 12, No. 1, 1st June 2008, pp. 16-20, YU ISSN 1450-5843		
13	Mile Stojcev, Tatjana Nikolic, Emina Milovanovic, Igor Milovanovic, "Communication architecture for interconnecting IP blocks in SoC design using a LCDMA technique", <i>Book of Abstracts, 7th International Conference on Parallel Matrix Algorithms and Applications (PMAA 2012)</i> , 28-30 June 2012, Birkbeck University of London, UK, p. 16		
14	I. Ž. Milovanović, E. I. Milovanović, M. K. Stojčev, M. P. Bekakos, "Orthogonal fault-tolerant systolic arrays for matrix multiplication", <i>Microelectron. Reliab.</i> , Vol. 51, 2 (2011), 711-725		



15	Goran S. Jovanovic, Darko B. Mitic, Mile K. Stojcev, Dragan S. Antic, "Phase-Synchronizer Based on gm-C All-Pass Filter Chain", Advances in Electrical and Computer Engineering, ISSN: 1582-7447, Vol. 12, No 1, pp. 39-44, 2012.		
16	I. Ž. Milovanović, E. I. Milovanović, M. K. Stojčev, "A Class of Fault-Tolerant Systolic Arrays for Matrix Multiplication", Mathematical and Computer Modelling, vol.54, 2011, pp.140-151		
17	Tatjana Nikolić, Mile Stojčev, Goran Jovanović, "A Fault-Tolerant Interconnections Using LCDMA Technique", Proc. 28th International Conference on Microelectronics (MIEL 2012), Niš, Serbia, 13-16 May, 2012, pp. 419-422, ISBN 978-1-4673-0236-4		
18	Goran Jovanović, Mile Stojčev, and Tatjana Nikolić, "Programmable Jitter Generator", XLVI International Scientific Conference on Information, Communication and Energy Systems and Technologies, ICEST 2011, Niš, Serbia, 29 June - 1 July, 2011, pp. 53-58, <a href="http://icestconf.org">http://icestconf.org</a>		
19	Tatjana Nikolic, Mile Stojcev, "Multiple-Bit Parallel CDMA Data Transfer over Common Bus", Proc. 27th International Conference on Microelectronics (MIEL 2010), Niš, Serbia, 16-19 May, 2010, pp. 365-368, ISBN 978-1-4244-7198-0		
20	Tatjana Nikolic, Mile Stojcev, Zoran Stamenkovic, "Wrapper Design for a CDMA Bus in SOC", 13th IEEE International Symposium on Design and Diagnostics of Electronic Circuits and Systems (DDECS 2010), April 14-16, 2010, Vienna, Austria, pp. 243-248, ISBN: 978-1-4244-6611-5		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	184	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	114	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
From 01.06.1971. to 01.09.1972. - professional specialization in the Company Ampex, California; from 01.03.1974. to 01.11.1974. - professional specialization in the English Electric Company, England			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>				Stojkovic R. Suzana			
<b>Title</b>				assistant professor			
<b>Specific scientific field</b>				Computer Science and Informatics			
<b>Academic career</b>							
		<b>Date</b>	<b>Institution</b>	<b>Field</b>			
Election		31.5.2010.	Faculty of Electronic Engineering	Computer Science and Informatics			
PhD		4.12.2009.	Faculty of Electronic Engineering	Computer Science and Informatics			
Diploma		7.9.1990.	Faculty of Electronic Engineering	Computer Science and Informatics			
<b>List of courses the lecturer holds at study programs of doctoral studies</b>							
<b>Number</b>	<b>The name of the course</b>						
1	Advanced Topics in Data and Knowledge Engineering						
2	Web Mining and Information Retrieval						
3							
4							
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<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>							
1	<b>Suzana Stojković</b> , Dragan Janković, Radomir S. Stanković: "An improved algorithm for the construction of decision diagrams by rearranging and partitioning", IEEE Trans. Computers, Vol. 59, No. 8, 2010, 1105-1119.						
2	<b>Suzana Stojković</b> , Milena Stanković, Radomir S. Stanković: „Transformation of BDD into Heterogeneous MDD with Minimal Cost“, IEICE Transactions on Fundamentals of Electronics, Communications and Computer Science, publisher: The Engineering Sciences Society (IEICE), Vol.E92-A, No. 10, 2009, pp. 2580-2587.						
3	Claudio Moraga, Milena Stanković, <b>Suzana Stojković</b> : „Characterization of Ternary Cofactors in the Spectral Domain“, Journal of Multiple-Valued Logic and Soft Computing, publisher: OCP Science, Vol.13. No.4-6, 2007, pp. 279-294,						
4	Claudio Moraga, <b>Suzana Stojković</b> , Radomir S. Stankovic: „Periodical Behaviour of Generalized Reed Muller Spectra“, Journal of Multiple-Valued Logic and Soft Computing, publisher: OCP Science, Vol.15. No.4, 2009, pp. 267-281.						
5	Milena Stanković, <b>Suzana Stojković</b> , Claudio Moraga: "Threshold Logic Realization of Discrete Functions through Heterogeneous Decision Diagrams", paper accepted for publication in Journal of Multiple-Valued Logic and Soft Computing, publisher: OCP Science						
6	Milena Stanković, <b>Suzana Stojković</b> , Radomir S. Stanković: "Representation of Incompletely Specified Binary and Multiple-Valued Logic Functions by Compact Decision Diagrams", IEEE 42nd International Symposium on Multiple-Valued Logic, ISMVL 2012, Victoria, BC, Canada, May 14-16, 2012, pp. 142-147						
7	<b>Suzana Stojković</b> , Milena Stanković, Radomir Stanković: "Determining Assignments of Incompletely Specified Boolean Functions for Compact Representations by Binary Decision Diagrams", 10th International Workshop on Boolean Problems, Freiberg, Germany, September 19-21, 2012.						
8	Milena Stanković, Claudio Moraga, <b>Suzana Stojković</b> : "Mapping Decision Diagrams for Multiple-Valued Logic Functions into Threshold Logic Networks", IEEE 41nd International Symposium on Multiple-Valued Logic, ISMVL 2011, Tuusula, Finland, May 23-25, 2011, pp. 111-116.						
9	Milena. Stanković, <b>Suzana Stojković</b> : " Reversible Synthesis in Walsh Hadamard Domain", Proceedings of 13th International Conference Computer Aided Systems Theory – EUROCAST 2011, Revised Selected Papers, Part II, Las Palmas de Gran Canaria, Spain, February 6-11, 2011, pp. 311-318						
10	Milena Stanković, <b>Suzana Stojković</b> : „Reverible Synthesis throught Shared Functional Decision Diagrams“, Proceedings of 12th International Conference Computer Aided Systems Theory – EUROCAST 2009, publisher: Springer, Las Palmas de Gran Canaria, Spain, Februarz 15-20, 2009, pp. 510-517.						
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**Cumulative data of the scientific activity of the lecturer**

Total number of citations	16	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	5	Number of international projects at which the lecturer currently participates	

**Specializations**

**Other data considered relevant**


## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Tasić S. Dragan	
<b>Title</b>		Full Professor	
<b>Specific scientific field</b>		Power Engineering	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	20.03.2007.	University of Niš	Power Engineering
PhD	28.02.1997	University of Niš, Faculty of Electronic Engineering	Power Engineering
Diploma	30.06.1986	University of Belgrade, School of Electrical Engineering	Power Engineering
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Power Cable Engineering		
2	Optimization Methods in Power Engineering		
3	Groundings and Grounding Systems		
4	Power System Stability		
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	D. Klimenta, J. Radosavljević, M. Jevtić, V. Raičević, D. Tasić, B. Pajković, "An Improved Non-adiabatic FEM Model of a Line-to-earth Fault in Buried Power Cables", International Journal of Heat and Mass Transfer, Volume 54, Issues 15-16, July 2011, pp. 3514-3522, DOI 10.1016/j.ijheatmasstransfer.2011.03.034 (M21)		
2	N. Rajaković, D. Tasić, M. Đukanović, "Voltage Collapse Assessment Incorporating Fuzzy Static Load Representation and Dynamic Models of Induction Motors", Archiv für Elektrotechnik, Vol. 80, No. 1, February 1997, pp. 29-35.(M23)		
3	N.Rajaković, D.Tasić, "A Flexible Approach to Dynamic Simulation of Voltage Collapse Phenomenon", Eur. Trans. on Electr. Power Engng ETEP Vol. 7, No 3, May/June 1997, pp 199-204. (M23)		
4	D. Klimenta, V. Kuč, V. Raičević, J. Radosavljević, M. Jevtić, D. Tasić, "FEM Modelling of Faults Occurred in Buried Power Cables Due to The Removal of Tree Roots", European Transaction on Electric Power, Volume 20, Issue 8, pp. 1237-1254, November 2010, DOI 10.1002/etep.399 (M23)		
5	D. Klimenta, J. Radosavljević, M. Jevtić, V. Raičević, D. Tasić, A. Todorović "Insulation Modelling for Thermal FEM Analysis of PVC and XLPE Cables under fault conditions", European Transaction on Electric Power, Volume 22, Issue 8, pp. 1093-1111, November 2012, DOI 10.1002/etep.627 (M23)		
6	D. S. Tasić, M. S. Stojanović, "Modified Fuzzy Clustering Method for Energy Loss Calculations in Low Voltage Distribution Networks", Electronics and Electrical Engineering, No. 2(66), 2006, pp. 50-55. (M23)		
7	M. Stojanović, D. Tasić, A. Ristić, "Optimal Allocation of Distribution Automation Devices in Medium Voltage Network", Electronics and Electrical Engineering, ISSN 1392-1215, ( <a href="http://www.eejournal.ktu.lt/index.php/elt/index">http://www.eejournal.ktu.lt/index.php/elt/index</a> ) - accepted for publication. (M23)		
8	M. Stojanović, D. Tasić, A. Ristić, "Cyclic Current Ratings of Single-Core XLPE Cables with Respect to Designed Life Time", Przegląd Elektrotechniczny, ISSN 0033-2097, ( <a href="http://pe.org.pl/index.php?lang=1">http://pe.org.pl/index.php?lang=1</a> ) - accepted for publication. (M23)		
9	R. Dimitrijević, D. Tasić, N. Raičević, S. Aleksić, N. Pekarić Nađ, "Analysis of a MV XLPE Cable Termination Design with Embedded Electrodes", Facta Universitatis, Series: Electronics and Energetics Vol. 23, No. 1, March 2010, pp. 99-117. (M24)		
10	D. Tasić, S. Minić, M. Stojanović, L. Stoimenov, M. Marković, M. Stanković, P. Kovačević, N. Šušnica, I. Belić, "Conception of Low Voltage Network Loss Reduction Based on Integrated Information", Facta Universitatis, Series: Electronics and Energetics Vol. 24, No. 1, April 2011, pp. 59-71. (M24)		
11	M. Perić, S. Aleksić, D. Tasić, "Influence of Induced Currents and Charges on Electromagnetic Field in Vicinity of Power Line", The 14th International IGTE Symposium, Graz, Austria, 20-22 September, 2010, Graz University of Technology, pp.130-134, 2010, ISBN: 978-3-85125-133-3.(M33)		
12	N. Raičević, D. Tasić, S. Ilić, S. Aleksić, "New EEM/BEM Hybrid Method for Electric Field Calculation in Cable Terminations", CD Proceedings of full papers, International Conference on Computer as a Tool, EUROCON 2011, FRB1- Paper 245 (Abstract in book of abstracts, pp. 139), Lisbon, Portugal, 27-29 April, 2011, ISBN: 978-1-4244-7485-1, IEEE Catalog Number : CPF11EUR-CDR, <a href="http://www.eurocon2011.it.pt">http://www.eurocon2011.it.pt</a> . (M33)		

13	M. Božić, Z. Radonjić, D. Tasić, I. Radović, Z. Stajić, "Short-term Load Forecasting With Least Square Support Vector Machines" Proceedings of 24th International Conference ECOS 2011, Novi Sad, July 4-7, 2011, pp. 1010-1019. (M33)		
14	S. Minić, D. Tasić, "Wind Farm Connection to Serbian Distribution Network – Austere Quality Requirements vs. More Economical Power Distribution", Proceedings of the 15th WSEAS International Conference on Systems, Corfu, Greece, July 14-16, 2011, pp. 282 – 287. (M33)		
15	M. Stojanović, D. Tasić, A. Ristić, " Cyclic Current Rating of Single-Core XLPE Cables with Respect to Designed Life Time" Proceeding of XLVII International Scientific Conference on Information, Communication and Energy Systems and Technologies, Veliko Tarnovo, 28-30 June 2012, pp. 560-563, ISBN 978-619-167-003-1. (M33)		
16	D. Tasić, M. Tanasković, V. Balkovoj, M. Stojanović, "Effects of Grounding The Medium Voltage Power Cables", Elektroprivreda, No. 4, 2008., pp. 25-31. (in Serbian) (M51)		
17	D. Tasić, M. Tanasković, M. Stojanović, "The Ampacity of 10 kV Power Cables and Its Influence on Selection of The Typical Cross Section", Elektroprivreda, No. 4, 2010., pp. 311-318. (in Serbian) (M51)		
18	D. Tasić, N. Rajaković, The Load Impact on Voltage instability in Power Systems, Press Series: Monographs, Faculty of Electronic Engineering, Niš, 2000. (in Serbian) (M42)		
19	D. Tasić, Thermal aspects of Conductor Ampacity for Overhead Power Lines, Press Series: Monographs, Faculty of Electronic Engineering, Niš, 2002. (in Serbian) (M42)		
20	D. Tasić, M. Stojanović, Power Losses in Distribution Networks, Press Series: Monographs, Faculty of Electronic Engineering, Niš, 2006. (in Serbian) (M42)		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	31	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	7	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			
Published 135 papers, 4 university textbooks, 3 collections of solved problems and 3 monographs. Participated in implementation of 16 scientific research projects. Managed the implementation of 4 projects. Co-author of 4 technical solutions.			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Tokić I. Teufik		
<b>Title</b>	full professor		
<b>Specific scientific field</b>	computer science		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	30.10. 2003	Faculty of Electronic Engineering	computer science
PhD	19.03.1993	Faculty of Electronic Engineering	computer science
Diploma	01.07.1977	Faculty of Electronic Engineering	computer science

### List of courses the lecturer holds at study programs of doctoral studies

Number	The name of the course
1	
2	
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### The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)

1	E. I. Milovanović, M. K. Stojčev, N. M. Novaković, I. Ž. Milovanović, T. I. Tokić, Matrix - Vector Multiplication of Fixed - Size Linear Systolic Array, <i>Comput. Math. Appl.</i> , 40 (2000), 1189-1203.
2	N. M. Stojanović, E. I. Milovanović, I. Stojmenović, I. Ž. Milovanović, T. I. Tokić, „Mapping matrix multiplication algorithm onto fault-tolerant systolic array“, <i>Compu. Math. Appl.</i> 48 (2004), 275-289
3	I. Milentijević, V. Ćirić, O. Vojinović and T. Tokić: Folded Semi-Systolic FIR Filter Architecture with Changeable Folding Factor. <i>Neural, Parallel &amp; Scientific Computations</i> , Vol. 10, No 2, June 2002, p235-248. Dynamic Publishers Atlanta, USA.
4	N. M. Novaković, E. I. Milovanović, M. K. Stojčev, T. I. Tokić, I. Ž. Milovanović, Optimization of Bidirectional Systolic Array for Matrix - Vector Multiplication, <i>Journal of Electrotechnics and Mathematics</i> , Vol.4,(1999), 35-45.
5	M.P. Bekakos, I.Ž. Milovanović, E.I. Milovanović, T.I. Tokic, M.K. Stojčev, <i>Hexagonal Systolic Arrays for Matrix Multiplications</i> , In: Highly Parallel Computations: Algorithms and Applications (M.P. Bekakos, ed.), Series: Advances in High Performance Computing, Vol. 5, WITpress, Southampton-Boston, UK, 2001, 175-209.
6	I. Ž. Milovanović, E. I. Milovanović, T. I. Tokić, M. K. Stojčev, N. M. Stojanović, Optimizing space-time parameters of hexagonal systolic arrays, <i>Sci. Publ. State Univ. Novi Pazar, Ser. A: Appl. Math. Inform. Mech.</i> , Vol. 1, 1 (2009), 21-28.
7	M. Jovicic-Milentijevic, T. Tokic, N. Zivkovic, T. Dencic, „Simplified scoring system predicting HER-2 status in patients with breast carcinoma“, <i>Journal of BUON</i> 16: 444-449, 2011
8	I. Antić, Tokić T.I., „RFID:Past, Present, Future“, <i>Scientific Publications of the State University of Novi Pazar Series A: Applied Mathematics, Informatics and mechanics</i> , vol. 3, br. 1, str. 53-58, 2011
9	Bekakos M.P., Milovanović I.Ž., Tokić T.I., Dolićanin Ć.B., Milovanović E.I., „Selecting mathematical method for systolic processing“, <i>Scientific Publications of the State University of Novi Pazar Series A: Applied Mathematics, Informatics and mechanics</i> , vol. 4, br. 1, str. 39-52, 2012
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### Cumulative data of the scientific activity of the lecturer

Total number of citations	10	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	3	Number of international projects at which the lecturer currently participates	2

### Specializations



<b>Other data considered relevant</b>

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Veselić R. Boban		
<b>Title</b>	Assistant Professor		
<b>Specific scientific field</b>	Automatic Control		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	29.01.2013.	University of Niš, Faculty of Electronic Engineering	Automatic Control
PhD	24.08.2006.	University of Niš, Faculty of Electronic Engineering	Automatic Control
Diploma	01.12.1994	University of Niš, Faculty of Electronic Engineering	Automatic Control
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	System identification		
2	Systems theory		
3	Digital control techniques		
4	Optimal control		
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	B. Veselić, B. Peruničić-Draženić, Č. Milosavljević, "High-performance position control of induction motor using discrete-time sliding-mode control", IEEE Transactions on Industrial Electronics, Vol. 55, No. 11, pp. 3809-3817, 2008.		
2	B. Veselić, B. Peruničić-Draženić, Č. Milosavljević, "Improved discrete-time sliding mode position control using Euler velocity estimation", IEEE Transactions on Industrial Electronics, Vol. 57, No. 11, pp. 3840-3847, 2010.		
3	Č. Milosavljević, B. Peruničić-Draženić, B. Veselić, "Discrete-time velocity servo-system design using sliding mode control approach with disturbance compensation", IEEE Transactions on Industrial Informatics, Vol. 9, No. 2, pp. 920-927, 2013.		
4	M. Petronijević, B. Veselić, N. Mitrović, V. Kostić, B. Jeftenić, "Comparative study of unsymmetrical voltage sag effects on adjustable speed induction motor drives", IET Electric Power Applications, Vol. 5, No. 5, pp. 432-442, 2011.		
5	B. Veselić, Č. Milosavljević, "Sliding mode based harmonic oscillator synchronization", International Journal of Electronics, Vol. 90, No. 9, pp. 553-570, 2003.		
6	B. Veselić, G. Golo, Č. Milosavljević, "Discrete time sliding mode approach to synchronization of modulated two-phase harmonic oscillator", Electrical Engineering, Vol. 86, No. 5, pp. 293-298, 2004.		
7	Č. Milosavljević, B. Peruničić-Draženić, B. Veselić, D. Mitić, "A new design of servomechanisms with digital sliding mode", Electrical Engineering, Vol. 89, No. 3, pp. 233-244, 2007.		
8	B. Veselić, Č. Milosavljević, D. Mitić, "Robust servo-system design based on discrete-time sliding mode control with active disturbance estimator", Transactions on Automatic Control and Computer Science, Vol. 50, No. 1, pp. 5-10, 2005.		
9	B. Veselić, Č. Milosavljević, B. Peruničić-Draženić, D. Mitić, "Digitally controlled sliding mode based servo-system with active disturbance estimator", IEEE IX International Workshop on Variable Structure Systems (VSS 2006), pp. 51-56, 2006.		
10	Č. Milosavljević, B. Peruničić-Draženić, B. Veselić, D. Mitić, "Sampled data quasi-sliding mode control strategies" – invited paper, IEEE International Conference on Industrial Technology (ICIT 2006), pp. 2640-2645, 2006.		
11	Č. Milosavljević, D. Mitić, B. Veselić, "Sliding mode based digital servo-system design", Control Engineering and Applied Informatics, Romanian Society of Control Engineering and Technical Informatics, Vol. 6, No. 4, pp.37-42, 2004.		
12	B. Peruničić, Č. Milosavljević, B. Veselić, "Comprehensive approach to sliding subspace design in linear time invariant systems", Invited Talk, IEEE 12th International Workshop on Variable Structure Systems (VSS 2012), pp. 473-478, 2012.		
13	B. Veselić, B. Peruničić, Č. Milosavljević, "Sliding hyperplane design for scalar sliding mode control systems with unmatched disturbances", Invited Lecture, Special International Conference on Complex Systems: Synergy of Control, Communications and Computing, pp. 355-360, 2011.		
14	B. Peruničić, Č. Milosavljević, B. Veselić, "Variable-structure control systems with sliding modes – Forty years of matching conditions and equivalent control method", Invited Plenary Lecture, 6-th IFAC International Workshop on Knowledge and Technology Transfer in/to Developing Countries: Automation and Infrastructure (DECOM-TT 2009), pp. 1-12, 2009.		
15	B. Veselić, B. Peruničić-Draženić, Č. Milosavljević, "A sliding hyperplane design method for a class of linear systems with unmatched disturbances", IEEE 11th International Workshop on Variable Structure Systems (VSS 2010), pp. 142-147, 2010.		

16	B. Veselić, B. Peruničić-Draženović, Č. Milosavljević, "Discrete-time sliding mode controlled positional system with two-scale reaching law and integral action", IEEE 10th International Workshop on Variable Structure Systems (VSS 2008), pp. 73-78, 2008.		
17	B. Veselić, Č. Milosavljević, D. Mitić, "Discrete-time sliding mode based controller and disturbance estimator design for tracking servo-systems", VIII Triennial International Conference on Systems, Automatic Control and Measurements – SAUM'04, pp. 227-232, 2004.		
18	B. Veselić, B. Peruničić-Draženović, D. Mitić, Č. Milosavljević, "Sliding mode based discrete-time disturbance estimator using input output approach", IEEE sponsored VIII International Workshop on Variable Structure Systems (VSS'04), 2004.		
19	B. Veselić, G. Golo, Č. Milosavljević, "Synchronization of two-phase harmonic oscillator using sliding mode vector control", IEEE II International Conference Control of Oscillations and Chaos (COC2000), Vol. 3, pp. 471-474, 2000.		
20	B. Veselić, B. Peruničić, Č. Milosavljević, "Upgrade of conventional positional systems into high-precision tracking systems using sliding mode controlled active digital compensators", Electronics, Vol. 13, No. 2, pp. 3-7, 2009.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	80	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	7	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Vučković V. Vladan	
<b>Title</b>		Associate Professor	
<b>Specific scientific field</b>		Computer Science	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	29.05.2012.	Faculty of Electronic Engineering, Niš	Computer Science
PhD	24.10.2006.	Faculty of Electronic Engineering, Niš	Computer Science
Diploma	23.11.1994.	Faculty of Electronic Engineering, Niš	Computer Science
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Signals and Systems		
2	Mathematical Theory of Games		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Vladan Vučković "The Compact Chessboard Representation", ICGA Journal, ICGA, Volume 31, Number 3, Tilburg, The Netherlands, pp. 157- 164., September 2008, ISSN 1389-6911.		
2	Rade Šolak, Vladan Vučković "Time Management During a Chess Game", ICGA Journal, ICGA, Volume 32, Number 4, Tilburg, The Netherlands, pp. 206- 220., 2010, ISSN 1389-6911.		
3	Čičević Svetlana, Nešić Milkica, Vučković Vladan "Application of digital signal processing in biological sciences" Archives of Biological Science. , Serbian Biological Society, Volume 61, Number 4, pp. 9P-11P. , 2009, ISSN 0354-4664 , <a href="http://archonline.bio.bg.ac.rs/">http://archonline.bio.bg.ac.rs/</a>		
4	Vladan Vučković, Nikola Stojanović "The Complete 3-D Modeling and Real-Time Simulation of the Tesla's Boat" International Journal of Emerging Sciences IJES, Vol. 1, No. 4, pp. 535-544, December 2011: Special Issue, ISSN 2222-4254. , <a href="http://ijes.info/1%284%29.html">http://ijes.info/1%284%29.html</a>		
5	Nešić Milkica, Čičević Svetlana, Nešić Vladimir, Vučković Vladan, Manić Gordana VOICE FUNDAMENTAL FREQUENCY IN THE CIRCUMSTANCES OF EXAM STRESS AND PERSONALITY DIMENSIONS ", accepted for publication in Vol. 6 No. 7 2012. of HealthMED Journal. ISSN:1840-2291		
6	Vladan Vučković " The New Datastructure for Internal Chessboard Representation", Yugoslav Journal of Operations Research (YUJOR), Volume 17, Number 2, pp. 257- 274. , Belgrade 2011, ISSN 0354-0243.		
7	Vladan Vučković, Rade Šolak, "Time Management Procedure in Computer Chess", Facta Universitatis Series: Automatic Control and Robotics, Volume 8, Number 1, University of Niš, pp. 75-87, 2009, ISSN 1820-6417		
8	Nikola Stojanović, Vladan Vučković, "Inverted Pendulum 3d Engine", The Scientific Journal Facta Universitatis, Series Electronics and Energetics, Volume 23, Number 3, Niš, pp. 299-309. , December 2010, ISSN 0353-3670		
9	Vladan Vučković, Nikola Stojanović, "Mathematical 3D Modeling and Real-Time Simulation of the Tesla's Wireless Controlled Vehicle - Boat", The Scientific Journal Facta Universitatis, Series Electronics and Energetics, Volume 24, Number 2, Niš, pp. 257-270. August 2011, ISSN 0353-3670.		
10	V. Vučković, S. Spasić "Stereoscopic Modeling and Animation of the Tesla's Long Island Lab" XI International SAUM 2012 (Systems, Automatic Control and Measurements) Conference, 14.-16.11.2012. University of Nis, Faculty of Electronic Engineering, Nis.		
11	Vučković Vladan "Some Advances in Fundamental Frequency Analyzing by Digital Speech Processing Application ADS v2.1. " Proceedings of Papers 9th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services - TELSIS 2009, Volume 2, Niš, October 7-9, 2009. ; (ed. Milovanović B.D.) Piscataway: Institute of Electrical and Electronic Engineers; Niš: Faculty of Electronic Engineering,. pp. 475-478. Niš 2009, ISBN 978-1-4244-4381-9 (IEEE)ISBN 978-86-85195-80-8 (FEE)		
12	Vučković Vladan, Nešić Milkica. "Exam Stress Influences on Vowel Characteristics Determined with ADS v2.0 Application " Proceedings of Papers, 9th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services - TELSIS 2009, Volume 2, Niš, October 7-9, 2009. ; (ed. Milovanović B.D.) Piscataway: Institute of Electrical and Electronic Engineers; Niš: Faculty of Electronic Engineering, 2009. pp. 471-474. Niš 2009, ISBN 978-1-4244-4381-9 (IEEE)ISBN 978-86-85195-80-8 (FEE)		

13	Vladan Vučković, Nikola Stojanović "THE COMPLETE 3D MODELING AND REAL-TIME SIMULATION OF THE TESLA'S BOAT", Proceedings of the IX International Conference on Applied Electromagnetics on CD, PES 2011, Niš, Proceedings of Extended Abstracts, pp. 16-17. 31.8.-2. September 2011
14	Vladan Vučković, Milena Stanković "Investigation and Implementation of a Method for Extracting and Recognizing of the Digitalized Voice Sequence", Proceedings of the XLIII International Scientific Conference on Information, Communication and Energy Systems and Technologies ICEST 2008, Volume 1, pp. 95-98. Niš, 25-27. June 2008, (ISBN 978-86-85195-61-7)
15	Vladan Vučković, "The Digital Quantum Simulator Engine", Proceedings of the IX International Conference on Applied Electromagnetics on CD, PES 2009, Niš, Proceedings of Extended Abstracts, pp. 16-17. 31.8.-2. September 2009, (ISBN 978-86-85195-83-9)
16	Nešić Milkica, Čičević Svetlana, Vučković Vladan. "Some paralinguistic characteristics of the subtracting serial seven task solving in the condition of exam stress. " Proceedings speech and language 2009, 3rd International Conference on Fundamental and Applied Aspects of Speech and Language. pp. 278-286. November 13-14, 2009, Belgrade, Serbia. ISBN: 978-86-81879-26-9.
17	Čičević Svetlana, Nešić Milkica, Vučković Vladan. "Variation of acoustic parameters from spectral domain as indicators of workload " Proceedings speech and language 2009, 3rd International Conference on Fundamental and Applied Aspects of Speech and Language. pp. 310-318. November 13-14, 2009, Belgrade, Serbia. ISBN: 978-86-81879-26-9
18	Vučković Vladan, Nešić Milkica, Čičević Svetlana. "A new features and algorithms in digital speech processing application Ads 2.1 " Proceedings speech and language 2009, 3rd International Conference on Fundamental and Applied Aspects of Speech and Language, pp. 254-261. November 13-14, 2009, Belgrade, Serbia. ISBN: 978-86-81879-26-9
19	Čičević Svetlana, Nešić Milkica, Vučković Vladan. "Software application for operators` workload estimation" SYM-OP-IS 2009, XXXVI Simpozijum o operacionim istraživanjima. Matematički institut SANU – Beograd. pp. 381-384. November 13-14, 2009, Belgrade, Serbia. , ISBN 978-86-80953-43-4
20	Владан Вучковић, " The Reconstruction of the Compressed Digital Signal using Lagrange Polynomial Interpolation", Зборник радова са XVI Телекомуникационог форума ТЕЛФОР 2008, , CD ROM Proceedings, pp. 396-399. , Београд, 25-27. Новембра 2008, (ISBN 978-86-7466-337-0)

#### Cumulative data of the scientific activity of the lecturer

Total number of citations	24	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	5	Number of international projects at which the lecturer currently participates	

#### Specializations

#### Other data considered relevant

Vladan Vučković, Djordje Vidanović "An Algorithm for the Detection of Move Repetition Without the use of Hash-Keys", Yugoslav Journal of Operations Research (YUJOR), Volume 17, Number 2, pp. 257- 274. , Belgrade 2007, ISSN 0354-0243.
Vladan Vučković, "The Method of the Chess Search Algorithms Parallelization using Two-Processor Distributed System", The Scientific Journal Facta Universitatis, Series Mathematics and Informatics, Volume 22, Number 2, pp. 175-188., Niš 2007, ISSN 0352-9665.
Vladan Vučković "Napredni šahovski algoritmi i sistemi", monografija, Zadužbina Andrejević, Biblioteka Dissertatio, Beograd 2011. , ISSN 0354-7671,
Vladan Vučković, "3-D Modeling and Simulation of the Original Patents of Nikola Tesla" (Invited Lectures). Fakultat fur Elektrotechnik und Informationstechnik, Illmenau, Germany, Firts lecture on 25.10.2011., Doctoral Seminar, N2010, (auth. Dr Hartmut Brauer) shedule at: <a href="http://www.tu-ilmenau.de/lorenz-force/rtg-calendar/">http://www.tu-ilmenau.de/lorenz-force/rtg-calendar/</a> , Second lecture on TFT section, on 28.10.2011. (auth. Prof. Dr Hannes Tofer).
Vladan Vučković, "3-D Modeling and Simulation of the Tesla's Wireless Controlled Boat" (Invited Lecture and Paper) Proceedings of the 7th International Symposium Nikola Tesla, Belgrade, pp. 37-44, November 23, 2011. ISBN 978-86-7466-421-6.

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Ćirić M. Vladimir		
<b>Title</b>	Assistant Professor		
<b>Specific scientific field</b>	Computer Science		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	13.01.2012.	Faculty of Electronic Engineering, Niš	Computer Science
PhD	26.04.2011.	Faculty of Electronic Engineering, Niš	Computer Science
Diploma	07.06.2001.	Faculty of Electronic Engineering, Niš	Computer Science
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Advanced Topics in Hardware Design		
2			
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Vladimir Ćirić, Aleksandar Cvetković, Ivan Milentijević, "Yield analysis of partial defect tolerant bit-plane array", Elsevier, Computers and Mathematics with Applications, ISSN: 0898-1221, Volume 59, Number 1, January 2010, pp. 98-107.		
2	Vladimir Ćirić, Jelena Kolokotronis, Ivan Milentijević: "Partial Error-Tolerance for Bit-Plane FIR Filter Architecture", International Journal of Electronics and Communication (AEU), Elsevier Science, Vol. 63, 5/2009, ISSN: 1434-8411, pp. 398-405.		
3	Vladimir Ćirić, Ivan Milentijević: "Configurable Folded Array for FIR Filtering", Journal of Systems Architecture, An International Journal, Elsevier Science, Vol. 54, Issue 1-2, January/February 2008, pp. 177-196.		
4	Ivan Milentijević, Vladimir Ćirić, Oliver Vojinović: "Version Control in Project-Based Learning", Computers & Education, An International Journal, Elsevier Science, Vol. 50, Issue 4, May 2008, pp. 1331-1338.		
5	Ivan Milentijević, Vladimir Ćirić, Teufik Tokić and Oliver Vojinović: "FPGA Implementation of Folded FIR Filter Architecture with Changeable Folding Factor", Facta Universitatis, Ser. Electronics and Energetics, Vol. 15, No 3, December 2002, pp. 451-464.		
6	Ivan Milentijević, Vladimir Ćirić, Oliver Vojinović and Teufik Tokić: "Folded Semi-Systolic FIR Filter Architecture with Changeable Folding Factor", Neural, Parallel & Scientific Computations, Vol. 10, No 2, Dynamic Publishers Atlanta, USA, June 2002, pp. 235-248.		
7	Vladimir Ćirić, Vladimir Simić, Ivan Milentijević, "Yield Modeling for Error Tolerant and Partially Defect Tolerant Arrays," IEEE 19th International Conference and Workshops on Engineering of Computer-Based Systems, Novi Sad, Serbia, April 2012, pp.182-187, ISBN: 978-0-7695-4664-3		
8	Vladimir Ćirić, Vladimir Simić, Aleksandar Cvetković, Ivan Milentijević, "Trading Defect Tolerance for Chip Area in Nanotechnology Implementations of Systolic Arrays", Proceedings on the 16th IEEE Mediterranean Electrotechnical Conference (MELECON 2012), Hammamet, Tunisia, March 2012, pp. 1083-1086, ISBN: 978-1-4673-0783-3		
9	Vladimir Simić, Vladimir Ćirić, Ivan Milentijević, "Cost Estimation of Nanoscale Partial Defect Tolerant Arrays", Proceedings on the 16th IEEE Mediterranean Electrotechnical Conference (MELECON 2012), Hammamet, Tunisia, March 2012, pp. 171-174, ISBN: 978-1-4673-0783-3		
10	Vladimir Ćirić, Vladimir Simić, Ivan Milentijević, "Pre-scheduled Control of Online Device-Based Backup and Incremental Data Backup in VMware Virtual System Environment", Proceedings on the X Triennial International Conference on Systems, Automatic Control and Measurements, SAUM 2010, Niš, Serbia, November 2010, pp. 261-264.		
11	V. Ćirić, I. Milentijević, "AREA-TIME TRADEOFFS IN H.264/AVC DEBLOCKING FILTER DESIGN FOR MOBILE DEVICES", Proceedings of IEEE Conference on Signal Processing and its Applications, Sharjah, United Arab Emirates, February 2007, pp 1-4, ISBN: 978-1-4244-0778-1.		
12	V. Ćirić, I. Milentijević, "COEFFICIENT BIT REORDERING METHOD FOR CONFIGURABLE FIR FILTERING ON FOLDED BIT-PLANE ARRAY", 8th EUROMICRO Conference on Digital System Design, Porto, Portugal, September 2005, pp. 135-138.		
13	V. Ćirić, I. Milentijević, O. Vojinović, "RETIMING AND REGISTER NUMBER MINIMIZATION FOR ADAPTIVE FIR FILTER ARCHITECTURE", Proceedings of a Workshop on Computational Intelligence and Information Technologies, Nis, Serbia and Montenegro, October 2003, pp. 93-96.		



14	Vladimir Ciric, Ivan Milentijevic, Oliver Vojinovic, Teufik Tokic, "Family of Folded Bit-Serial Multipliers", Proc. 6th International Conference – TELSIXS 2003, Nis, Serbia and Montenegro, October 2003, pp. 614-617.		
15	V. Ciric, I. Milentijevic, "CONFIGURABLE FOLDED BIT-PLANE ARCHITECTURE FOR FIR FILTERING", Proceedings of the WPS-DSD 2003, 29th EUROMICRO Conference, Belek, Turkey, September 2003, pp. 23-24.		
16			
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20			
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	30	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	4	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
Instituto Superior Tecnico, Technical University Lisbon, Portugal, 2005, 2007.			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Stankovic V. Vladimir	
<b>Title</b>		Assistant Professor	
<b>Specific scientific field</b>		Computing and Informatics	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	15.07.2011.	Faculty of electronic engineering	Computer Science
PhD	02.07.2010.	Faculty of electronic engineering	Technical Sciences
Diploma	10.09.1997.	Faculty of electronic engineering	Computer Science
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Advanced topics from memory systems		
2	Advanced topics in computer hardware design		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Vladimir Stankovic, Nebojsa Milenkovic, "DRAM Controller with a Complete Predictor", IEICE Transactions on Information and Systems, Vol.E92-D, No.4, pp.584-593, April 2009.		
2	Vladimir Stankovic, Nebojsa Milenkovic, "DDR3 SDRAM with a Complete Predictor", IEICE Transactions on Information and Systems, Vol.E93-D, No.9, pp.2635-2638, September 2010.		
3	Vladimir Stankovic, Nebojsa Milenkovic, "Average Latency Reduction of Contemporary DRAM Memories using Predictors" Chapter 1 in "Horizons in Computer Science Research", Volume 5, pp. 1 - 40, Nova Science Publishers, 2012, 978-1-61324-789-1, <a href="https://www.novapublishers.com">https://www.novapublishers.com</a>		
4	Vladimir Stankovic, Nebojsa Milenkovic, "Access Latency Reduction in Contemporary DRAM Memories", Facta Universitatis, series: Electronics and Energetics, Vol. 17, No. 1, April 2004, pp. 81-97.		
5	Vladimir Stankovic, Nebojsa Milenkovic, "DRAM Controller with a Close-Page Predictor", Eurocon 2005 - The International Conference on "Computer as a Tool", Belgrade, November 2005, pp. 693-696.		
6	Vladimir Stankovic, Nebojsa Milenkovic, "DRAM Controller with a Simple Predictor", ICEST 2005, Nis, June 29 - July 1, 2005, Vol. 2, pp. 449-452.		
7	Vladimir Stankovic, Nebojsa Milenkovic, "Some Techniques for Performance Improvements of DRAMs in Multimedia Applications", Telsiks 2001 - International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, Nis, September 2001, Vol. 2, pp. 794-797.		
8	Vladimir Stankovic, "Computer Application that implements the Swish Pattern", SAUM 2012 (Systems, Automatic Control and Measurements), pp. 244-247, november 2012, Nis.		
9	Vladimir Stankovic, Nebojsa Milenkovic, "DRAM Memories Access Latency Reduction Using Address Remappings", 4th Workshop on Computational Intelligence and Information Technologies, Faculty of Electronic Engineering Nis, October 13, 2003, pp. 89-92.		
10	Vladimir Stankovic, Nebojsa Milenkovic, "DRAM Controller with a Complete Predictor: Preliminary Results", Telsiks 2005 - International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, Nis, September 2005, Vol. 2, pp. 593-596.		
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<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	9	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	2	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			

Other data considered relevant

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Aleksić R. Slavoljub		
<b>Title</b>	Full professor		
<b>Specific scientific field</b>	Theoretical electrical engineering		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	18.06.2008.	Faculty of Electronic Engineering	Theoretical electrical engineering
PhD	20.10.1997.	Faculty of Electronic Engineering	Theoretical electrical engineering
Diploma	20.05.1975.	Faculty of Electronic Engineering	Theoretical electrical engineering
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Static electricity		
2	Antennas and electromagnetic waves propagation		
3	Electromagnetics		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Nebojsa B. Raicevic, Slavoljub R. Aleksic and Sasa. S. Ilic, "One numerical method to determine improved cable terminations", Electric Power Systems Research, ELSEVIER, Vol. 81, No. 4, pp. 942-948, April 2011. DOI: 10.1016/j.epsr.2010.11.019. ISSN: 0378-7796.		
2	Nebojsa B. Raicevic, Slavoljub R. Aleksic, "One method for electric field determination in the vicinity of infinitely thin electrode shells", Engineering Analysis with Boundary Elements, ELSEVIER, Vol. 34, Issue (No.) 2, pp. 97-104, February 2010. DOI:10.1016/j.enganabound.2009.08.002. ISSN: 0955-7997.		
3	Nebojša B. Raičević, Slavoljub R. Aleksić and Saša S. Ilić, "Hybrid Boundary Element Method for Multi-layer Electrostatic and Magnetostatic Problems", Electromagnetics, TAYLOR & FRANCIS, Vol. 30, No.6, pp. 507-524, August 2010. DOI:10.1080/02726343.2010.499067. ISSN: 0272-6343.		
4	Bojana R. Petković, Saša S. Ilić, Slavoljub R. Aleksić, Nebojša B. Raičević and Dragan S. Antić, "A Novel Approach to the Positive DC Nonlinear Corona Design", Electromagnetics, TAYLOR & FRANCIS, Vol. 31, Issue (No.) 7, pp. 505-524, October 2011. DOI:10.1080/02726343.2011.607106. ISSN: 0272-6343.		
5	Saša S. Ilić, Slavoljub R. Aleksić, Nebojša B. Raičević, "TEM analysis of vertical broadside symmetrically coupled strip lines with anisotropic substrate", International Journal of Applied Electromagnetics and Mechanics, IOS PRESS, Vol. 37, No. 2-3, pp. 207-214, October 2011. DOI:10.3233/JAE-2011-1392. ISSN: 1383-5416.		
6	Nebojsa B. Raicevic, Slavoljub R. Aleksic, "One Method For Magnetic Multilayer Systems Determination", Monograph in: Computer Field Models of Electromagnetic Devices (Edited by Sławomir Wiak, Ewa Napieralska-Juszczak), ISBN 978-1-60750-603-4, Studies in Applied Electromagnetics and Mechanics, IOS PRESS, Amsterdam, The Netherlands, Vol.34, chapter 4: Computational Techniques, pp. 220-227, November 2010, DOI:10.3233/978-1-60750-604-1-220, ISSN:1383-7281.		
7	Saša S. Ilić, Slavoljub R. Aleksić, Comparison of Results for the Effective Height and Atmospheric Electric Field Distribution Surrounding a Parallelepiped Building with Franklin's Rod and Lightning Protection Rod JU S N. B4. 811, Journal of ELECTROSTATICS, Vol. 67, No. 4, pp. 616-624, 2009, ISSN: 0304-3886.		
8	Perić, M., Aleksić, S., "Penetration of Electric Field into Hollow Dielectric Bodies", Electronics and Electrical Engineering journal, Kaunas University of Technology, Lithuania, No. 10 (116), 2011, ISSN 1392-1215 (print), ISSN 2029-5731 (online), [Online] <a href="http://www.ee.ktu.lt/">http://www.ee.ktu.lt/</a>		
9	Radiša M. Dimitrijević, Dragan S. Tasić, Nebojša B. Raičević, Slavoljub R. Aleksić and Neda Pekarić Nađ, "Analysis of a MV XLPE Cable Termination Design with Embedded Electrodes", Facta Universitatis (Nis), series: electronics and energetics, Vol. 23, No. 1, pp. 99-117, april 2010.		
10	Nebojsa Raicevic, Slavoljub Aleksic, Sasa Ilic, "New EEM/BEM Hybrid Method for Electric Field Calculation in Cable Joints", International Journal of World Academy of Science, Engineering and Technology, Issue 55 ( <a href="http://www.waset.org/journals/waset/v55.php">http://www.waset.org/journals/waset/v55.php</a> ), No. 79, paper 117, pp. 599-604, July 2011.		
11	Nebojša RAIČEVIĆ, Slavoljub ALEKSIĆ, "Electric Field Regulation at the Cable Accessories Using One New Numerical Approach", Acta Electrotechnica et Informatica, Vol. 7, No. 1, pp. 29-36, 2007. ISSN: 1335-8243.		

12	Khavanova M. A., Petrov R. V., Tatarenko A. S., Bichurin M. I., Aleksić, S. R., "Slot antennas broadband matching by means of non-uniform lines", The Fundamental Research, Academy of natural history, Moscow, Russia, No. 11, Vol. 6, pp. 1506-1508, 2012, ISSN 1812-7339, [Online] <a href="http://www.rae.ru/fs/pdf/2012/11-6/30829.pdf">http://www.rae.ru/fs/pdf/2012/11-6/30829.pdf</a> .
13	M. Peric, S. Ilic, S. Aleksic, N. Raicevic, "Analysis of 2D Symmetrically Coupled Vertical Microstrip Lines between Two Infinite Grounded Planes", Anghnals of the University of Craiova (Electrical Engineering series), Faculty of Electrical Engineering, University of Craiova, Craiova, Romania, No. 36, pp. 1-5, October 2012, ISSN 1842-4805.
14	Perić, M. T., Ilić, S. S., Aleksić, S. R., Raičević, N. B., Petrov R. V., Tatarenko A. S., Bichurin M. I., "Analysis of stripline placed vertically between two parallel infinite grounded planes using Hybrid boundary element method", The Fundamental Research, Academy of natural history, Moscow, Russia, No. 1, Vol. 1, pp. 185-190, 2013, ISSN 1812-7339, [Online] <a href="http://www.rae.ru/fs/pdf/2013/1-1/30924.pdf">http://www.rae.ru/fs/pdf/2013/1-1/30924.pdf</a> . (in Russian).
15	Saša S. Ilić, Mirjana T. Perić, Slavoljub R. Aleksić and Nebojša B. Raičević, "Quasi TEM Analysis of 2D Symmetrically Coupled Strip Lines with Finite Grounded Plane using HBEM", Proceedings of Papers of the The 15th International IGTE Symposium on Numerical Field Calculation in Electrical Engineering, IGTE 2012, pp. 73-77, Graz, Austria, 17-19 September, 2012, ISBN: 978-3-85125-258-3.
16	Saša S. Ilić, Slavoljub R. Aleksić, Nebojša B. Raičević, "TEM Analysis of Multilayered Transmission Lines Using New Hybrid Boundary Element Method", Proceedings of Papers of the 10 International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, TELSIS 2011, Vol. 2, pp. 428-431, Nis, Serbia, 5-8 October, 2011. ISBN: 978-1-4577-2017-8. IEEE Catalog number: CPF11488-CDR. DOI: 10.1109/TELSIS.2011.6143236.
17	Rančić, M., Aleksić, S., „Horizontal Dipole Antenna Very Close to Lossy Half-Space Surface”, Electrical Review, Vol. 1, No. 7, SIGMA-NOT Publishing House, ISSN: 0033-2097, 2012.
18	Nebojsa Raicevic, Dragan Tasic, Sasa Ilic, Slavoljub Aleksic, "New EEM/BEM Hybrid Method for Electric Field Calculation in Cable Terminations", CD Proceedings of full papers, International Conference on Computer as a Tool, EUROCON 2011, FRB1-Paper 245 (Abstract in book of abstracts, pp. 139), Lisbon, Portugal, 27-29 April, 2011
19	Nebojsa B. Raicevic, Slavoljub R. Aleksic, "One Method For Magnetic Multilayer Systems Determination", Proceedings of Papers of the XIV International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering, ISEF 2009, paper 005 (on CD), Arras, France, 10-12 September, 2009.
20	

**Cumulative data of the scientific activity of the lecturer**

Total number of citations	5	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	12	Number of international projects at which the lecturer currently participates	2

**Specializations**

Slavoljub Aleksic was the holder of the DAAD scholarships for researchers during his two-months stay at the Technical University of Ilmenau, Germany in 2003.

**Other data considered relevant**

He was chairman of the International Conference ПЕС 2005, and President of the Scientific Board of the Conference of ПЕС 2007-2011, as well as conferences CEMBEF 2009. He is a member of many other scientific committees of international conferences based in Romania, Bulgaria and Russia. In the period of 2000-2004 he participated in the project "Theoretical Electrical Engineering" sponsored by the DAAD. In the years 2005 and 2006 he participated in the project "Electrical Engineering (EE)," a joint project of the Faculty of Electronic Engineering in Niš (Serbia), Technical University of Ilmenau (Germany) and the Technical University of Sofia (Bulgaria). He participated in the project "ELISE - University Network for academic training in EE & IT in Southeast Europe (SEE)" and is currently the project manager for this project. He has been the head of the Department of Theoretical Electrical Engineering of the Faculty of Electronic Engineering in Nis since 2005.


## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Arsić Z. Miodrag	
<b>Title</b>		full professor	
<b>Specific scientific field</b>		Metrology and measuring technique	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	1991	University of Niš, Faculty of Electronic Engineering	Metrology and measuring technique
PhD	1980	University of Niš, Faculty of Electronic Engineering	Metrology and measuring technique
Diploma	1970	University of Niš, Faculty of Electronic Engineering	Electrical Engineering and Computer Science
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Systems for measurement and control		
2	Process measuring technique		
3	Medical and bioelectronic measuring technique		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Kovacevic, B., Dimitrijevic, B., Arsic, M., Kovacevic, N., "Precise real-time dissemination over TV broadcasting satellite", Radio Science, Vol.14, No. 4, july-august 1979., pp. 685-694		
2	Iskrenovic, P., Arsic, M., "Optimal operating conditions of the impulse diode thermometer", Rev. Sci.Instrum., Vol. 69, No.7, july, 1998.		
3	Arsic, M., Denic, D.: "New pseudorandom code reading method applied to position encoders", Electron. Lett., Vol. 29, No. 10, pp. 893 - 894, 1993.		
4	Denic, D., Arsic, M.: "Checking of pseudorandom code reading correctness", Electron. Lett., Vol. 29, No. 21, pp. 1843 - 1844, 1993.		
5	D.B. Zivanovic, M.Z. Arsic and J.R.Djordjevic, "Two Stage Piece-Wise Linearization Method", International Journal of Modelling and Simulation, ACTA Press, Vol 24, No. 3, 2004.		
6	Denic, D., Pesic, M., Arsic, M., "High-reliable position encoder for crane positioning and crane displacement problem solving", Machine Dynamics problems, 2005, Vol.29, No 2, Warsaw University of Technology, Publishing House, pp.35-44		
7	Kovacevic, B., Dimitrijevic, B., Arsic, M., Golubovic, Lj., "Precise International T/F Comparison via Ground and Satellite TV Systems", Journal of Institution of Electronics and Telecommunication Engineers, Vol. 27, No. 10, 1981., pp.450-456.		
8	Pesic, M., Radenkovic, D., Arsic, M.: "Laboratory Model the Compensated Szstem for Dissemination of Standard Signals via Satellite", Facta Universitatis, Ser. Electronics and Energetics, Vol.13 No.1, april 2000., pp.1-10.		
9	Arsic, M., Denic, D.: "Position measurements based upon the application of pseudorandom encoding", Facta Universitatis, Ser. Electronics and Energetics, No. 6, pp. 13 - 23, 1993.		
10	Arsic, M., Denic, D.: "Position tranducer with frequent autocalibration capability", Facta Universitatis, Ser. Electronics and Energetics, No. 2, Vol. 9, pp. 141 - 148, 1996.		
11	Pesic, M., Zivanovic, D., Arsic, M., "Possibilities for dissemination of standard time and frequency signals with metrological accuracy via terrestrial TV network and satellites", Facta Universitatis, Ser. Electronics and Energetics, No. 7, pp. 39 - 51, 1994.		
12	Kovacevic, B., Dimitrijevic, B., Arsic, M., Kovacevic, N., "Precise real-time dissemination over TV broadcasting satellite, URSI, XIX General Assembly, Heslinki, 31 july-8 august 1978, pp.13.		
13	Dragan Denić, Goran Miljković, Jelena Lukić, Miodrag Arsić: "Pseudorandom position encoder with improved zero position adjustment", Facta Universitatis, Series: Electronics and Energetics, vol. 25, no. 2, University of Niš, pp. 113-120, 2012, ISSN 0353-3670, M24, <a href="http://facta.junis.ni.ac.rs/eae/eae.html">http://facta.junis.ni.ac.rs/eae/eae.html</a> .		
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<b>Cumulative data of the scientific activity of the lecturer</b>			



Total number of citations	6	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	4	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Ćirić G. Dejan		
<b>Title</b>	Associate Professor		
<b>Specific scientific field</b>	Telecommunications		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	13.11.2012	University of Niš, Faculty of Electronic Engineering	Telecommunications
PhD	29.08.2006.	University of Niš, Faculty of Electronic Engineering	Telecommunications
Diploma	01.07.1994.	University of Niš, Faculty of Electronic Engineering	Telecommunications
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Sound generation and perception		
2	Audio communications		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	D. G. Ćirić, M. Marković, M. Mijić, D. Šumarac-Pavlović, "On the effects of nonlinearities in room impulse response measurements with exponential sweeps", Applied Acoustics, Vol. 74, No. 3, pp. 375-382, 2013 (DOI: 10.1016/j.apacoust.2012.07.013).		
2	D. G. Ćirić, A. Pantić, "Numerical compensation of air absorption of sound in scale model measurements", Archives of Acoustics, Vol. 37, No. 2, pp. 219-225, 2012.		
3	D. G. Ćirić, A. Pantić, "Separability of distortion products in room impulse response measurements with maximum length sequences", Building Acoustics, Vol. 19, No. 3, pp. 173-183, 2012.		
4	D. G. Ćirić, M. Marković, B. Stojić, "Improvement in design of noise shaping filters", Central European Journal of Engineering, Vol. 2, No. 2, pp. 224-230, 2012.		
5	D. G. Ćirić, V. D. Pavlović, "Linear phase two-dimensional FIR digital filter functions generated by applying Christoffel-Darboux formula for orthonormal polynomials", Electronics and Electrical Engineering (Elektronika IR Elektrotehnika), Vol. 120, No. 4, pp. 39-42, 2012.		
6	V. D. Pavlović, D. G. Ćirić, N. S. Dončov, "Christoffel-Darboux formula most directly applied in generating economical linear phase low-pass digital FIR filter functions", Electronics and Electrical Engineering (Elektronika IR Elektrotehnika), Vol. 18, No. 8, pp. 109-112, 2012.		
7	D. G. Ćirić, V. D. Pavlović, "Generalised Christoffel-Darboux formula most directly applied in generating fully symmetric doubly resistively terminated LC lossless ladder filters", International Journal of Electronics, accepted for publication, to be published in 2013, online available, (DOI:10.1080/00207217.2012.727352).		
8	D. G. Ćirić, D. Hammershøi, "Coupling of earphones to human ears and to standard coupler", Journal of the Acoustical Society of America, Vol. 120, No. 4, pp. 2096-2107, 2006.		
9	D. G. Ćirić, M. A. Milošević, "Transient noise influence in MLS measurement of room impulse response", Acta Acustica united with Acustica, Vol. 91, No. 1, pp. 110-120, 2005.		
10	D. Ćirić, M. Milošević, "Determination of truncation point of room impulse response", Building Acoustics, Vol. 12, No. 1, pp. 15-30, 2005.		
11	D. G. Ćirić, M. A. Milošević, "Inaccuracies in sound pressure level determination from room impulse response", Journal of the Acoustical Society of America, Vol. 111, No. 1, pp. 210-216, 2002.		
12	M. Milošević, D. Ćirić, "Improvement of dynamic range of sound energy decay in room", Facta Universitatis series Working and Living Environmental Protection, Vol. 1, No. 4, pp. 55-63, 1999.		
13	D. Ćirić, "A modified approach to the backward integration leading to an increase in decay curve dynamic range", Proceedings of Inter Noise 2012, New York, USA, 19-22 August 2012, (on CD, paper 491) (invited paper).		
14	M. Milošević, D. Ćirić, "Influence of transient noise in MLS measurements in room acoustics", Proceedings of 2nd Congress of Slovenian Acoustical Society, Portorož, Slovenia, September 2000, pp. 127-136, (invited paper).		
15	D. Ćirić, M. Mijić, A. Pantić, "Room impulse response truncation by applying cumulative distribution function", Proceedings of Euro Noise 2012, Prague, Czech Republic, 10-13 June 2012, (on CD).		
16	D. Ćirić, A. Pantić, D. Radulović, "Transient noise effects in measurement of room impulse response by Swept Sine technique", Proceedings of 10th International Conference TELSIKS, Niš, Serbia, 5-8 October, 2011, pp. 269-272.		
17	D. Ćirić, B. B. Budisavljević, A. Milenković, D. Boljević, "Comparison of sound insulation measurements using different methods", Proceedings of EAA Euroregio 2010, Ljubljana, Slovenia, 15-18 September 2010, pp. S14-3.1-S14-3.4 (on CD, paper S14-3).		

18	D. Ćirić, Đ. Stevanović, A. Pantić, "Numerical compensation of sound absorption in air in acoustical measurements of room models", Proceedings of EAA Euroregio 2010, Ljubljana, Slovenia, 15-18 September 2010, pp. S20-15.1- S20-15.4 (on CD, paper S20-15).		
19	M. Marković, D. Ćirić, Đ. Stevanović, "Transient noise influence in measurement of room impulse response by SineSweep technique", Proceedings of International Conference EuroNoise 2009, Edinburgh, Scotland, 26-28 October 2009, pp. MEA4.1-MEA4.4 (on CD, paper MEA4), Abstract in Acta acustica united with Acustica 95 (S. 1) S1- S134.		
20	D. Ćirić, "Razvoj postupka za merenje i obradu impulsnog odziva prostorije", Zbornik radova 14. Telekomunikacionog foruma Telfor, Beograd, Srbija, 21-23 novembar 2006, str. 493-500, (rad po pozivu).		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	5	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	9	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
During 2002. and 2003. and during several shorter research stays in 2004. and 2005. at Aalborg University, Faculty of Engineering and Science, Department of Acoustics, Denmark.			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Cvetković N. Nenad	
<b>Title</b>		Assistant professor	
<b>Specific scientific field</b>		Theoretical electrical engineering	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	25.02.2013	Faculty of Electronic Engineering	Theoretical electrical engineering
PhD	12.02.2009	Faculty of Electronic Engineering	Theoretical electrical engineering
Diploma	26.09.1995	Faculty of Electronic Engineering	Theoretical electrical engineering
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Grounding and grounding systems		
2	Electromagnetic compatibility		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Nenad N. Cvetković, Predrag D. Rančić, "A Simple Model for a Numerical Determination of Electrical Characteristics of a Pillar Foundation Grounding System", Engineering Analysis with Boundary Elements, Elsevier, Volume 33, pp. 555-560, 2009, ISSN: 0955-7997; DOI: 10.1016/j.enganabound.2008.08.005		
2	Nenad N. Cvetković, Predrag D. Rančić, "Model for Analyzing a Pillar Grounding System with Cylindrically-Shaped Concrete Foundation", Electromagnetics, Taylor & Francis. Volume 29, Number 2, pp. 151–164, 2009, ISSN: 1532-527X (electronic) 0272-6343 (paper); DOI: 10.1080/02726340802676154		
3	Nenad N. Cvetković, Predrag D. Rančić, "Influence of foundation on pillar grounding system's characteristics", COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, Emerald Group Publishing Limited, Volume 28, Number 2, pp. 471-492, 2009, ISSN: 0332-1649; DOI: 10.1108/03321640910929335 .		
4	Predrag D. Rančić, Nenad N. Cvetković, "Pillar star-shaped grounding system", PRZEGLĄD ELEKTROTECHNICZNY (Electrical Review), R. 86 NR 5/2010, pp.100-104, 2010. ISSN:0033-2097; <a href="http://www.pe.org.pl/issue.php?lang=0&amp;num=05/2010">http://www.pe.org.pl/issue.php?lang=0&amp;num=05/2010</a>		
5	Nenad N. Cvetković, "A Wire Electrode inside Parallelepipedically-Shaped Ground Inhomogeneity: Comparison of Two Solution", rad prihvaćen za objavljivanje u Electronics and Electrical Engineering, Kaunas University of Technology, Print ISSN: 1392-1215, Online ISSN: 2029-5731		
6	Dejan Krstić, Darko Zigar, Dejan Petković, Dušan Sokolović, Boris Đinđić, Nenad Cvetković, Jovica Jovanović, Nataša Đinđić, "Predicting the biological effects of mobile phone radiation: absorbed energy linked to the MRI-obtained structure", rad prihvaćen za objavljivanje u Arhivu za higijenu rada i toksikologiju - Archives of Industrial Hygiene and Toxicology, br. 1, vol. 64, god. 2013		
7	Nenad N. Cvetković, Dejan D. Krstić, "One Model of Vertical Armature Construction inside Concrete Foundation and Ring Electrodes as Pillar Grounding System", International Review on Modelling and Simulations (I.RE.MO.S.), Vol. 4, n. 5, pp. 2724-2733, October 2011, ISSN: Print ISSN:1974-9821, Cd-Rom ISSN:1974-983X; <a href="http://www.praiseworthyprize.com/iremos.htm">http://www.praiseworthyprize.com/iremos.htm</a>		
8	Nenad N. Cvetković, Predrag D. Rančić, "Conductive Semi-sphere and Two Ring Ground Electrodes as Pillar Foundation Grounding System", Elektrotehnika&Elektronika E+E, The Union of Electronics, Electrical Engineering and Telecommunications, Vol 45, No 1-2, pp.8-11, 2010. ISSN:0861-4717		
9	Dragutin M. Veličković, Nenad N. Cvetković: "Grounding on the hill", Engineering of Modern Electric Systems-EMES 97, Oradea, Romaia, 30. May-1. Jun 1997, ANALELE UNIVERSITATII DIN ORADEA, ISSN:1223-2106, pp. 64-69.		
10	Nenad N. Cvetković, "Comparison of two different models for a vertical wire electrode inside a pillar foundation", Elektrotehnika&Elektronika E+E, The Union of Electronics, Electrical Engineering and Telecommunications, Vol 47, No 7-8, pp.29-33, 2012. ISSN:0861-4717.		
11	Nenad N. Cvetković, Predrag D. Rančić, "The Influence of Semi-Spherical Inhomogeneity on the Linear Grounding System Characteristics", FACTA UNIVERSITATIS, Series Electronics and Energetics, University of Nis, Serbia, Volume 20, Number 2, pp. 147-161, 2007, DOI:10.2298/FUEE0702147C		

12	Predrag D. Rančić, Miodrag S. Stojanović, Milica P. Rančić, Nenad N. Cvetković, "A Point Source in the Presence of Spherical Material Inhomogeneity: Analysis of Two Approximate Closed Form Solutions for Electrical Scalar Potential", FACTA UNIVERSITATIS, Series Electronics and Energetics, University of Nis, Serbia, Volume 22, Number 3, pp. 265-284, 2009, DOI:10.2298/FUEE0903265R
13	Nenad N. Cvetković, Predrag D. Rančić, "The point ground electrode in vicinity of the semi-spherical inhomogeneity", Serbian Journal of Electrical Engineering, Volume 2, No. 2, November 2005, pp. 163-172, ISSN 1451-4869, COBISS.SR-ID 111412236. <a href="http://www.journal.tfc.kg.ac.rs/Vol_2-2/06-CvetkovicN.pdf">http://www.journal.tfc.kg.ac.rs/Vol_2-2/06-CvetkovicN.pdf</a>
14	Dragan D. Vučković, Nenad N. Cvetković, Miodrag S. Stojanović, "Study on a Standard for Grounding Systems Realization", Serbian Journal of Electrical Engineering, Volume 9, No. 3, October 2012, pp. 393-401. Printed Version: ISSN 1451 – 4869, Online Version: ISSN 2217 – 7183; DOI: 10.2298/SJEE1203393V
15	Dejan Krstić, Darko Zigar, Dejan Petković, Nenad Cvetković, Vera Marković, Nataša Đinđić, Boris Đinđić, „Modeling of Penetrating Electromagnetic Fields of Mobile Phones in Experimental Animals”, Safety Engineering, Vol. 2, No 2, August 2012, pp. 83-88, ISSN 2277-7124. <a href="http://www.zrnfac.ni.ac.rs/SE-Journal/Archive/SE%20-%20Web%20journal%20-%20VOL%202/index.html">http://www.zrnfac.ni.ac.rs/SE-Journal/Archive/SE%20-%20Web%20journal%20-%20VOL%202/index.html</a>
16	Nenad N. Cvetković, Predrag D. Rančić, "Influence of the semi-spherical semi-conducting ground inhomogeneity on the grounding characteristics", VII International Symposium on Electromagnetic Compatibility-EMC BARCELONA '06, 05-09 Sep. 2006, Proc. of papers, pp 918-923, CD ISBN 84-689-9438-3 (abstrakt u Book of abstracts, pp. 29)
17	Jaekel, B., Mladenovic, A., Peric, M., Vuckovic, D., Cvetkovic, N., Aleksic, S., „Assessment of emissions from electrical equipment regarding human exposure – approaches for application of the generic standard IEC 62311“, IEEE International Symposium on Electromagnetic Compatibility, Fort Lauderdale, Florida, USA, 25 – 30 July 2010, IEEE EMC Society, Vol. 3, pp. 697-701, 2010, ISBN: 978-1-4244-6306-0/10 (Printed Proceedings), ISBN: 978-1-4244-6307-7 (CD Proceedings).
18	Nenad N. Cvetković, "Variational analysis of wire grounding system", 15th International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering, ISEF 2011, September 1 – 3, 2011, Funchal, Madeira, Portugal, CD-proceedings (Session OS5, P2, Id 56188), 2011, ISBN: 978-972-8822-24-8.
19	Nenad N. Cvetković, "Modelling of Hemispherical Ground Inhomogeneities", 10th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services-TELSIKS 2011, October 05-08, 2011, Niš, Serbia, Proceeding of papers, Volume 2, pp. 436-439, 2011. DOI:10.1109/TELSKS.2011.6143238
20	Dragan D. Vučković, Nenad N. Cvetković, Dejan Krstić, Miodrag Stojanović, "Modeling of the Road Influence on the Grounding System in its Vicinity", The 15th International IGTE Symposium, Graz, Austria 16-19 September 2012, CD Proceedings, pp. 294-299, ISBN: 978-3-85125-258-3. (abstrakt u Abstracts, pp 62.)

#### Cumulative data of the scientific activity of the lecturer

Total number of citations	1	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	6	Number of international projects at which the lecturer currently participates	2

#### Specializations

Nenad Cvetkovic has spent, as a stipendist of the DAAD Foundation within the project "Restoration of the education system in South East Europe", the period of Oct. 2000 - Mar. 2001 at the Technical University of Ilmenau, Germany. During July and August 2006, he visited the Delaware State University in Dover, USA, in the frame of cooperation between University of Nis and Dover. In November 2011, he spent two weeks as a lecturer at the MCAST College in Malta.

In May 2000. he completed the permanent training seminar for University staff, organized at the University of Nis. He participated in five Summer Schools in different areas of applied electromagnetics.

#### Other data considered relevant

Nenad Cvetkovic served as a reviewer for journals: COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering (Emerald Group Publishing Limited), IEEE Transactions on Electromagnetic Compatibility, Safety Engineering and BH Elektrotehnika.

Since 1996, has been a member of the Organizing Committee of the Conference on Applied Electromagnetics - ПЕC (1996, 2001/03/05/07/09), and since 2009, he has become the member of the Scientific Committee of the same conference. He was also a member of the organizing committee of the International PhD seminars held in 2004 in Budva - Montenegro, 2006 in Banja Luka - Bosnia and Herzegovina. He participated in five research projects funded by the Ministry of Science of the Republic of Serbia in the field of electromagnetics, microwave and optical communication technology, environment, lighting, energy efficiency, and cable terminations and joints. In the period of 2000-2004 he participated in the project "Theoretical Electrical Engineering" sponsored by the DAAD. In the years 2005 and 2006 he participated in the project "Electrical Engineering (EE)," a joint project of the Faculty of Electronic Engineering in Niš (Serbia), Technical University of




## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Cvetković Ž. Zlata		
<b>Title</b>	Full professor		
<b>Specific scientific field</b>	Theoretical electrical engineering		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	12.12.2012.	Faculty of Electronic Engineering	Theoretical electrical engineering
PhD	04.03.2002.	Faculty of Electronic Engineering	Theoretical electrical engineering
Diploma	28.06.1980.	Faculty of Electronic Engineering	Theoretical electrical engineering
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Electric circuits theory		
2			
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Cvetković Zlata, Petković B.R., Perić M.T., "Systems for Homogeneous Electrical Fields Generation and Effects of External Bodies on Field Homogeneity", Applied Computational Electromagnetics Society Journal, vol. 26, No. 1, p. 56-63, January 2011. ISSN 1054-4887		
2	Cvetković Zlata, Perić M.T., Mladenović Vučković A.N., "Optimization procedure for high homogeneity field systems design", International Journal of Applied Electromagnetics and Mechanics, vol. 37, No. 2-3, p. 133-145, 2011. DOI 10.3233/JAE-2011-1385, SSN 1383-5416 (Print). ISSN 1875-8800 (Online) .		
3	Цветкович Злата, Алексич С. Р., Бајић М. И., Татаренко А. С., Бритин С. Н., Бичурин М. И., Петров Р. В. "Линия передачи с конечными потерями в диэлектрике", Современные проблемы науки и образования, № 6, 2012. URL: www.science-education.ru/106-7720, ISSN: 1817-6321		
4	Cvetković Zlata, Petković Bojana, Perić Mirjana, "An External Body in Protected Area", Facta Universitatis, series Electronics and Energetic, University of Niš, Serbia, Vol. 22, No. 2, pp. 209-215, 2009. ISSN 0353-3670, <a href="http://factae.elfak.ni.ac.rs">http://factae.elfak.ni.ac.rs</a>		
5	Cvetković Zlata, Petković Bojana, "Analysis of Exponential Transmission Line as Band Pass Impedance Transformation", Elektrotehnika & Elektronika E+E, Union of Electronics, Electrical Engineering and Telecommunications (CEEC), Sofia, Bulgaria, Vol. 45, No. 1-2/2010, pp. 30-33, 2010. ISSN 0861-4717 <a href="http://ceec.fnts-bg.org/sp-E+E.htm">http://ceec.fnts-bg.org/sp-E+E.htm</a>		
6	Cvetković Zlata, Perić Mirjana, Mladenović Vučković Ana, "Systems for Homogeneous Electrostatic Field Generation Using Chebyshev Polynomials", Facta Universitatis, series Automatic Control and Robotics, University of Niš, Serbia, Vol. 10, No 1, 2011, pp. 105-114. UDC 621.352 621.387.13 517.58		
7	Bajić Milorad, Cvetković Zlata, "A Simple Method for Solving of Loss Exponential Transmission Lines", 12th International Workshop on Optimization and Inverse Problems in Electromagnetism OIPE 2012, pp. 112-113, Ghent, Belgium, September 19 - 21, 2012. ISBN: 978-94-6197-069-5		
8	Cvetković Zlata, Perić Mirjana, Petković Bojana, "The influence of conducting body on electric field homogeneity", 54th Internationales Wissenschaftliches Kolloquium, Ilmenau, Germany, 07 – 11 September 2009, Ilmenau University of Technology, Proceedings (Session 3.1), 2009. ISBN 978-3-938843-45-1.		
9	Cvetković Zlata, Bajić Milorad, "Exponential Transmission Line with Losses in the Dielectric", XI International SAUM Conference on Systems, Automatic Control and Measurements, pp. 463-466, Niš, Serbia, November 14th -16 th, 2012. ISBN: 978-86-6125-072-9		
10	Potrebić, M. M. Tošić, D. V., Cvetković, Z. Ž., and Radosavljević N., "WIPL-D Modeling and Results for Waveguide Filters with Printed-Circuit Inserts", Procc. 28th International Conference on Microelectronics MIEL 2012, pp. 309-312, Niš, Serbia, 13-16 May 2012. ISBN: 978-1-4673-0235-7		
11	Cvetković Zlata, Bajić Milorad, "Exponential Transmission Line with Losses in the Dielectric", XI International SAUM Conference on Systems, Automatic Control and Measurements, pp. 463-466, Niš, Serbia, November 14th -16 th, 2012. ISBN: 978-86-6125-072-9		

12	Cvetković, Z. Ž., "Different Electrode Shapes for Uniform Electrostatic Field Generation", XVII-th International Symposium on Electrical Apparatus and Technologies SIELA 2012, vol. 1, pp. 57-64, Bourgas, Bulgaria, 28-30 May 2012. ISSN: 1314-6297
13	Greconici Marian, Cvetković Zlata, Mladenovic Ana, Aleksic Slavoljub, Vesa Daniela, "Analytical-numerical approach for levitation force calculation of a cylindrical bearing with permanent magnets used in an electric meter" 12th Int. Conference on Optimization of Electrical and Electronic Equipment OPTIM 2010, The Transilvania University of Brasov, May 20th-22nd, 2010, Moeciu-Brasov, pp. 197-201, Brasov, Romania, 2010. ISBN 978-1-4244-7020-4/10, <a href="http://ieeexplore.ieee.org/application/mdl/mdlconfirmation.jsp?arnumber=5510339">http://ieeexplore.ieee.org/application/mdl/mdlconfirmation.jsp?arnumber=5510339</a>
14	Aleksić S. R., Cvetković Z.Ž., and Nikolić B. R., "Shallow-Buried Ring-Disk Grounding Electrode in Semiconductive Medium", Proceedings of the 7-th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services TELSIS 2005, Vol. 2, pp. 483-484, Niš, Serbia and Montenegro, September 28-30, 2005.
15	Cvetković Z.Ž., Aleksić S.R., Perić M.T., Petković B.R., "Influence of the Conducting Body on the Biconical Electrode Field", The second European Conference on Antennas and Propagation - EuCAP 2007, CD-Proceedings (ThPA.025), Edinburg, United Kingdom, November 11-16, 2007.
16	Cvetković Z.Ž., Petković B. R., Perić T. M., Vučković N. A., Golubović M. V., "Simple System for Uniform Electrostatic Field Generation", The 10-th International Conference on Applied Electromagnetics PES 2011, CD-Proceedings O9-1, Niš, Serbia, 2011. ISBN 978-86-6125-042-2
17	Cvetković Z.Ž., Perić M.T, Mladenović Vučković A.N., "Systems for Homogeneous Electrostatic Field Generation Using Chebyshev Polynomials", X Triennial International SAUM Conference on Systems, Automatic Control and Measurements, p. 121-124, Niš, Serbia, 10-12 November 2010.
18	Cvetković Z.Ž., Perić M.T., Petković B.R., "The Influence of Conducting Body on Electric Field Homogeneity", 54-th Internationales Wissenschaftliches Kolloquium Technische Universität Ilmenau, CD-Proceedings (Session 3.1 - paper_id_189.pdf), September 7th -10th, 2009. ISSN: 978-3-938843-45-1
19	Bajić. M., Cvetković Zlata, "Eksponecijalni vod sa nesavršenim dielektrikom", Elektronski zbornik radova 56 konferencije ETRAN 2012 na CD-u, MT4.5-1-4, Zlatibor, Srbija, 11-14. Jun, 2012. ISBN: 978-86-80509-67-9.
20	Cvetković Z.Ž., "Uniform Electric Field Generated by Biconical Electrodes", Proceedings of the XIII International Symposium on Theoretical Electrical Engineering ISTET'05, pp. 30-33, Lviv, Ukraine, 4-7 July, 2005.

#### Cumulative data of the scientific activity of the lecturer

Total number of citations	0	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	2	Number of international projects at which the lecturer currently participates	2

#### Specializations

Zlata Cvetkovic spent the period 01.05-30.06.2002. at the Technical University of Ilmenau (Germany) in the frame of the project "Theoretical Electrical Engineering (TEE)", funded by the DAAD. She participated in two Summer schools in the field of computational electromagnetics, organized within the framework of international projects. She completed the course in electromagnetic compatibility.

#### Other data considered relevant

She was a member of the Organizing Committee of international conferences ПЕC and ICATE. She participated in seven research projects funded by the Ministry of Science of Serbia. In the period of 2000-2004 she participated in the project "Theoretical Electrical Engineering" sponsored by the DAAD. In the years 2005 and 2006 she participated in the project "Electrical Engineering (EE)," a joint project of the Faculty of Electronic Engineering in Niš (Serbia), Technical University of Ilmenau (Germany) and the Technical University of Sofia (Bulgaria). She participated in the project "ELISE - University Network for academic training in EE & IT in Southeast Europe (SEE)." She is a member of the Faculty Council Committee of the Faculty of Electronic Engineering in Niš, and its the Deputy Chairman.


## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Denić B. Dragan		
<b>Title</b>	full professor		
<b>Specific scientific field</b>	Metrology and measuring technique		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	2006	University of Niš, Faculty of Electronic Engineering	Metrology and measuring technique
PhD	1996	University of Niš, Faculty of Electronic Engineering	Metrology and measuring technique
Diploma	1988	University of Niš, Faculty of Electronic Engineering	Electrical Engineering and Computer Science
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Sensors and measuring transducers		
2	Industrial measurement and information systems		
3	Metrology of electrical quantities		
4	Measuring and acquisition systems		
5	Measurement and information technologies		
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Arsić, M., Denić, D.: "New pseudorandom code reading method applied to position encoders", Electron. Lett., Vol. 29, No. 10, pp. 893 - 894, 1993.		
2	Denić, D., Arsić, M.: "Checking of pseudorandom code reading correctness", Electron. Lett., Vol. 29, No. 21, pp. 1843 - 1844, 1993.		
3	Arsić, M., Denić, D.: "Position measurements based upon the application of pseudorandom encoding", Facta Universitatis, Ser. Electronics and Energetics, No. 6, pp. 13 - 23, 1993.		
4	Arsić, M., Denić, D.: "Position transducer with frequent autocalibration capability", Facta Universitatis, Ser. Electronics and Energetics, Vol. 9, No. 2, pp. 141 - 148, 1996.		
5	Denić, D., Ranđelović I., Rančić M.: ""High-Resolution Pseudorandom Encoder with Parallel Code Reading"", ISSN 1392-1215 Elektronics and electrical engineering, No 7(56), pp. 9-14, 2004.		
6	Denic, D., Pesic, M., Arsic, M., "High-reliable position encoder for crane positioning and crane displacement problem solving", Machine Dynamics problems, 2005, Vol.29, No 2, Warsaw University of Technology, Publishing House, pp.35-44		
7	Denić, D., Miljković, G., Živanović, D.: ""Microcomputer based wide range digital tachometer"", ISSN 1392-1215 Elektronics and electrical engineering, No 3(67), 2006.		
8	Denić, D., Miljković, G.: "Code reading synchronization method for pseudorandom position encoders", Sensors and Actuators A: Physical, Elsevier, vol. 1, no. 150, pp. 188-191, ISSN 0924-4247, 2009.		
9	Denić D., Stojković I., "Pseudorandom/natural code converter with parallel feedback logic configuration", Electronic Letters, vol. 46, no. 13, pp. 921-U74, 2010.		
10	Perić, Z., Savić, M., Dinčić, M., Denić, D., Praščević, M.: "Forward adaptation of novel semilogarithmic quantizer and lossless coder for speech signals compression", Wireless Personal Communications, vol. 21, no. 3, pp. 375-391, 2010.		
11	Pejović M., Denić D., Pejović M., Nešić N., Vasović N., „Microcontroller based system for electrical breakdown time delay measurement in gas-filled devices“, Review of scientific instruments, 2010, vol. 81, no. 10.		
12	Nikolić, J., Perić, Z., Antić, D., Jovanović, A., Denić, D.: „Low Complex Forward Adaptive Loss Compression Algorithm and Its Application in Speech Coding“, Journal of electrical engineering – Elektrotechnicky casopis, vol. 62, no. 1, pp. 19-24, 2011.		
13	Sekulović, N., Stefanović, M., Denić, D., Aleksić, D.: „Performance Analysis of SINR-Based Selection Diversity Over Correlated Rayleigh Fading Channels“, IET Communications, vol. 5, no. 2, pp. 127-134, 2011.		
14	Perić Z., Dinčić M., Denić D., Jocić A., "Forward Adaptive Logarithmic Quantizer with New Lossless Coding Method for Laplacian Source", Wireless Personal Communications, 2011, vol. 59, no. 4, pp. 625-641.		
15	Simić, M., Denić, D., Živanović, D., Taskovski, D., Dimcev, V.: "Development of a Data Acquisition System for the Testing and Verification of Electrical Power Quality Meters", JPE – Journal of Power Electronics, Publication of The Korean Institute of Power Electronics, Republic of Korea, Vol. 12, No. 5, pp.813-820, 2012, ISSN: 1598-2092, 2012.		

16	Perić, Z., Nikolić, J., Lukić, J., Denić, D.: "Two-stage Quantizer with Huffman Coding Based on G.711 Standard", <i>Przeglad Elektrotechniczny (Electrical Review)</i> , Wydawnictwo SIGMA - N O T Sp. z o.o., Vol 2012, No 09a, pp. 300-302, ISSN 0033-2097, 2012.		
17	Zoran Perić, Jelena Nikolić, Jelena Lukić, Dragan Denić. "Analysis of Two-stage Quantizer with Embedded G.711 Quantizer and Segmental Uniform Quantizer", <i>Electronics and Electrical Engineering (Elektronika Ir Elektrotehnika)</i> , 2013., Vol. 19, No. 2, (February 2013)., pp. 88-91, Print ISSN 1392-1215, Online ISSN 2029-5731, <a href="http://www.eejournal.ktu.lt/index.php/elt/article/view/1107/2297">http://www.eejournal.ktu.lt/index.php/elt/article/view/1107/2297</a> .		
18	Goran Miljković, Ivana Stojković, Dragan Denić: "Generation and application of pseudorandom binary sequences using virtual instrumentation", <i>Facta Universitatis, Series: Automatic Control and Robotics</i> , vol. 10, no. 1, University of Niš, pp. 51-58, 2011, ISSN 1820-6417.		
19	Dragan Denić, Goran Miljković, Jelena Lukić, Miodrag Arsić: "Pseudorandom position encoder with improved zero position adjustment", <i>Facta Universitatis, Series: Electronics and Energetics</i> , vol. 25, no. 2, University of Niš, pp. 20-28, 2012, ISSN 0353-3670, <a href="http://facta.junis.ni.ac.rs/ea/ea.html">http://facta.junis.ni.ac.rs/ea/ea.html</a> .		
20	Denić, D., Arsić, M.: "Visoko-pouzdana enkodera za merenje i odredjivanje pozicije bazirani na primeni pseudoslučajnih binarnih sekvenci", <i>Monografija, Elektronski fakultet u Nišu</i> , 2005.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	22	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	14	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
<b>Other data considered relevant</b>			
In three years period (from 01.01.2001. to 09.01.2004.) Ph.D. Dragan Denić was independent consultant of GPI (Gurley Precision Instrumentation), the leading world factory in field of his scientific work.			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Đorđević T. Goran	
<b>Title</b>		Associate Professor	
<b>Specific scientific field</b>		Telecommunications	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	14.07.2011.	University of Niš, Faculty of Electronic Engineering	Telecommunications
PhD	23.12.2005.	University of Niš, Faculty of Electronic Engineering	Telecommunications
Diploma	18.12.1996.	University of Niš, Faculty of Electronic Engineering	Electronics and telecommunications
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Statistical Signal Processing		
2	Advanced Error Control Coding Techniques		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	I. B. Đorđević, M. Č. Stefanović, S. S. Ilić, G. T. Đorđević, "An example of hybrid system: coherent optical system with costas loop in receiver-system for transmission in baseband", A Joint IEEE/OSA Publication: Journal of Lightwave Technology, vol. 16, no. 2, pp. 177-183, February, 1998. IF1998=1.498, M21.		
2	M. Č. Stefanović, G. T. Đorđević, I. B. Đorđević, "Performamje of binary CPSK satellite communiuation system in the presenile of noises and noisy carrier referenije signal", International Journal of Electronics and Communications (AEUE), vol. 53, no. 2, pp. 70-76, 1999. IF1999=0.488, M22.		
3	M. Č. Stefanović, G. T. Đorđević, "BPSK and QPSK nonlinear satellite communication system performance in the presence of cochannel interference", International Journal of Satellite Communications and Networking, vol. 21, no. 3, pp. 285-297, May-June, 2003. IF2003=0.554, M22.		
4	M. Č. Stefanović, G. T. Đorđević, "Influence of transmitting ground and satellite station HPA nonlinearities on satellite communication system performance in the presence of cochannel interference", IEICE Transactions on Communications, Vol.E88-B No.7 pp.3005-3009, July 2005. IF2005=0.348, M23.		
5	I. B. Đorđević, G. T. Đorđević, "On the communications over strong atmospheric turbulence channels by adaptive modulation and coding", Optics Express, vol. 17, no. 20, pp. 18250–18262, September, 2009. IF2009=3.278, M21.		
6	G. T. Đorđević, I. B. Đorđević, P. N. Ivaniš, "Effects of LDPC code on the BER performance of MPSK system with imperfect receiver components over Rician channels", ETRI Journal, vol. 31, no. 5, pp. 619-621, October 2009. IF2009=0.814, M23.		
7	B. Z. Nikolić, G. T. Đorđević, G. K. Karagiannidis, "On the effect of imperfect cophasing in MRC and EGC receivers over correlated Weibull fading", Wireless Personal Communciations, vol. 62, no. 1, pp. 31-39, January 2012. IF2011=0.458, M23.		
8	A. M. Cvetković, G. T. Đorđević, M. Č. Stefanović, "Performance of interference-limited dual hop non-regenerative relays over Rayleigh fading channels", IET Communications, vol. 5, no. 2, pp. 135-140, January 2011. IF2011=0.829, M23.		
9	I. M. Petrović, J. A. Anastasov, S. R. Panić, M. Č. Stefanović, G. T. Đorđević, D. N. Milić, "Outage probability of SSC receivers in correlated Rayleigh fading channel with multiple cochannel interferers", Electronics and Electrical Engineering (Elektronika I r Elektrotehnika), no. 10(106), pp. 67-70, December 2010. IF2010=0.659, M23.		
10	J. A. Anastasov, S. R. Panić, G. T. Đorđević, M. Č. Stefanović, "Performance of dual branch SSC receiver in correlated $\alpha$ - $\mu$ fading channels", Wireless Personal Communciations, vol. 63, no. 4, pp. 937-945, April 2012. IF2011=0.458, M23.		
11	A. M. Cvetković, G. T. Đorđević, M. Č. Stefanović, "Performance analysis of dual switched diversity over correlated Weibull fading channels with co-channel interference", International Journal of Communication Systems, vol. 24, no. 9, pp. 1183-1195, September 2011. IF2011=0.406, M23.		
12	G. T. Đorđević, D. N. Milić, A. M. Cvetković, M. Č. Stefanović, "Influence of imperfect cophasing on performance of EGC receiver of BPSK and QPSK signals transmitted over Weibull fading channel", European Transactions on Telecommunications, vol. 22, pp. 268-275, October 2011. IF2011=0.454, M23.		



13	B. Z. Nikolić, G. T. Đorđević, D. N. Milić, N. Milošević, "Performance of SC receiver over generalized K fading channel in the presence of imperfect reference signal recovery", Electronics and Electrical Engineering (Elektronika Ii Elektrotehnika), no. 9(115), pp. 41-46, 2011, IF2011=0.913, M23.		
14	G. T. Đorđević, I. B. Đorđević, G. K. Karagiannidis, "Partially coherent EGC reception of uncoded and LDPC-coded signals over generalized fading channels", Wireless Personal Communications, vol. 66, no. 1, pp. 25-39, 2012. IF2011=0.458, M23.		
15	B. Z. Nikolić, G. T. Đorđević, N. Milošević, "Effects of imperfect reference signal recovery on performance of SC and SSC receivers over generalized fading channels", Radioengineering, vol. 20, no. 2, pp. 499-504, June 2011. IF2011=0.739, M23.		
16	J. A. Anastasov, G. T. Đorđević, M. Č. Stefanović, "Analytical model for outage probability of interference-limited systems over extended generalized-K fading channels", IEEE Communications Letters, vol. 16, no.4, pp. 473-475, April 2012. IF2011=0.982, M22. (SCI)		
17	J. A. Anastasov, G. T. Đorđević, M. Č. Stefanović, "Outage probability of interference-limited system over Weibull-gamma fading channel", Electronics Letters, vol. 48, no. 7, pp. 408-410, March 29, 2012. IF2010=0.965, M23.		
18	D. N. Milić, G. T. Đorđević, "Bit error rate performance of partially coherent dual-branch SSC receiver over composite fading channels", Frequenz, vol. 67, no. 1-2, pp. 51-57, January 2013. IF2011=0.124, M23.		
19	B. Nikolić, B. Dimitrijević, N. Milošević, G. T. Đorđević, "Performance improvement of QPSK signal predetection EGC diversity receiver", Radioengineering, vol. 21, no. 3, pp. 831-837, September, 2012. IF2011=0.739, M23.		
20	A. M. Cvetković, G. T. Đorđević, M. Č. Stefanović, "Outage probability of dual-hop semi-blind relaying with interference at the relay", Przegľad Elektrotehniczny (Electrical Review), Issue 12a/2012, pp. 325-327, 2012. IF2011=0.244, M23.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	117	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	20	Number of international projects at which the lecturer currently participates	3
<b>Specializations</b>			
<b>Other data considered relevant</b>			
1) Co-leader at Faculty of Electronic Engineering of the following projects: "Norwegian, Bosnian and Serbian cooperation platform for university and industry in ICT R&D" (Norwegian Ministry of Foreign Affairs); FP7-ICT-2011-C STREP "Innovative Reliable Chip Designs from Low-Powered Unreliable Components" (EY); "Advanced Techniques for Efficient Utilization of Spectrum in Wireless Systems " (Ministry of Science of Republic of Serbia).			
2) Reviewer for the following journals: IEEE Transactions on Communications, IEEE Communications Letters, IEEE Transactions on Wireless Communications, IEEE Transactions on Vehicular Technology, Wireless Personal Communications, IET Networking, Journal of Zhejiang University Science C.			
3) Participant of the seven projects supported by the Ministry of Science of Republic of Serbia and national representative of Serbia for two COST actions.			
4) The awards for the best paper of the young scientists in the field of Telecommunications at the 49th and 51th ETRAN conferences.			
5) Telenor Foundation award "Prof. Dr. Ilija Stojanovic" for the contribution in the field of Telecommunications, 2007.			



## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Dončov S. Nebojša	
<b>Title</b>		Associate Professor	
<b>Specific scientific field</b>		Telecommunications	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	01.12.2008.	University of Niš, Faculty of Electronic Engineering	Telecommunications
PhD	10.07.2002.	University of Niš, Faculty of Electronic Engineering	Telecommunications
Diploma	15.02.1995.	University of Niš, Faculty of Electronic Engineering	Electronics and Telecommunications
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Modelling and design of microwave devices and systems		
2	Electromagnetic compatibility and signal integrity		
3	Digital signal processing		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	M. Agatonović, Z. Stanković, I. Milovanović, N. Dončov, L. Sit, T. Zwick, B. Milovanović, "Efficient Neural Network Approach for 2D DOA Estimation based on Antenna Array Measurements", Progress in Electromagnetics Research - PIER, Vol. 137, pp. 741-758, 2013, E-ISSN: 1559-8985. M21		
2	M. Dalarsson, M. Norgren, T. Asenov, N. Dončov, "Arbitrary Loss Factor in the Wave Propagation Between RHM and LHM Media with Constant Impedance Throughout the Structure", Progress in Electromagnetics Research - PIER, Vol. 137, pp. 527-538, 2013, E-ISSN: 1559-8985. M21		
3	T. Asenov, N. Dončov, B. Milovanović, J. Paul, "Dispersive TLM Z-transform model of left-handed metamaterials", International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, John Wiley & Sons Ltd., 2013, ISSN: 0894-3370 (Print), 1099-1204 (Online), DOI: 10.1002/jnm.1879. M23		
4	V. Pavlović, N. Dončov, D. Ćirić, "1D and 2D Economical FIR Filters Generated by Chebyshev Polynomials of the First Kind", International Journal of Electronics, Taylor & Francis, 2013, ISSN: 0020-7217 (Print), 1362-3060 (Online), DOI:10.1080/00207217.2013.764549. M23		
5	M. Agatonović, Z. Stanković, N. Dončov, L. Sit, B. Milovanović, T. Zwick, "Application of Artificial Neural Networks for Efficient High-Resolution 2D DOA Estimation", Radioengineering, Brno University of Technology - Faculty of Electrical Engineering and Communication, Vol. 21, No. 4, pp. 1178-1186, 2012, ISSN: 1210-2512. M23		
6	M. Dalarsson, M. Norgren, N. Dončov, Z. Jakšić, "Lossy gradient index transmission optics with arbitrary periodic permittivity and permeability and constant impedance throughout the structure", Journal of Optics, Institute of Physics, IOP Publishing Ltd., Volume 14, Number 6, J. Opt. 14 (2012) 065102 (7pp), 2012, ISSN: 2040-8978 (print), 2040-8986 (Online). M22		
7	V. Pavlović, D. Ćirić, N. Dončov, "Christoffel-Darboux Formula Most Directly Applied in Generating Economical Linear Phase Low-Pass Digital FIR Filter Functions", Elektronika Ir elektrotehnika (Electronics and Electrical Engineering), Kaunas University of Technology, Lithuania, Vol. 18, No. 8, pp. 109-112, October 2012, Print ISSN: 1392-1215, Online ISSN: 2029-5731. M23		
8	T. Dimitrijević, J. Joković, B. Milovanović, N. Dončov, "TLM Modelling of a Probe-coupled Cylindrical Cavity based on Compact Wire Model in the Cylindrical Mesh", International Journal of RF and Microwave Computer-Aided Engineering, John Wiley & Sons Inc., 2012 Wiley InterScience Periodicals, Volume 22, Issue 2 (2012), pp.184-192, 2012, ISSN: 1096-4290. M23		
9	N. Dončov, B. Milovanović, Z. Stanković, "Extension of Compact TLM Air-vent Model on Rectangular and Hexagonal Apertures", Applied Computational Electromagnetics Society (ACES) Journal, Volume 26, Number 1 (January 2011), pp.64-72, 2011, ISSN: 1054-4887. M23		
10	Z. Stanković, B. Milovanović, N. Dončov, "Neural Model of Microwave Cylindrical Cavity Loaded with Arbitrary Raised Dielectric Slab", International Journal of RF and Microwave Computer-Aided Engineering, John Wiley & Sons Inc., 2009 Wiley InterScience Periodicals, Volume 19, Issue 3 (2009), pp.317-327, 2009, ISSN: 1096-4290. M23		
11	Z. Stanković, B. Milovanović, N. Dončov, "Hybrid Empirical-Neural of Loaded Microwave Cylindrical Cavity", Progress in Electromagnetics Research - PIER, Vol. 83, pp.257-277, 2008, ISSN: 1070-4698, E-ISSN: 1559-8985. M21		

12	J. Joković, B. Milovanović, N. Dončov, "Numerical Model of Transmission Procedure in a Cylindrical Metallic Cavity Compared with Measured Results", International Journal of RF and Microwave Computer-Aided Engineering, John Wiley & Sons Inc., 2008 Wiley InterScience Periodicals, Volume 18, Issue 4 (July 2008), pp.295-302, 2008, ISSN: 1096-4290. M23		
13	J. Joković, B. Milovanović, N. Dončov, "TLM Analysis of Cylindrical Metallic Cavity Excited with a Real Feed Probe", International Journal of RF and Microwave Computer-Aided Engineering, John Wiley & Sons Inc., 2006 Wiley InterScience Periodicals, Volume 16, Issue 4 (July 2006), pp.346-354, 2006, ISSN: 1096-4290. M23		
14	N. Dončov, A.J. Wlodarszyk, R. Scaramuzza, V. Trenkić, "Compact TLM Model for Air-vents", Electronics Letters, Vol.38, No.16, pp.887-888, 2002. M21		
15	B. Milovanović, S. Ivković, N. Dončov, D. Đorđević, "The Loading Effect Analysis of the Cylindrical Cavities with Various Cross-Section", Journal of Microwave Power and Electromagnetic Energy, A Publication of the International Microwave Power Institute, VA, USA, Vol.33, No.1, pp.49-56, 1998. M22		
16	N. Dončov, T. Asenov, Z. Stanković, J. Paul, B. Milovanović, "TLM Z-Transform Method Modelling of Lossy GRIN MTM with Different Refractive Index Profiles", Facta Universitatis, Series: Electronics and Energetics, Volume 25, Number 2, pp.103-112, 2012, ISSN: 0353-3670 (Print), 2217-5997 (Online). M24 in 2012		
17	Z. Stanković, B. Milovanović, N. Dončov, A. Marinčić, "Efficient Characterization of Microwave Applicator Loaded with Multilayer Dielectric based on Neural Networks", Facta Universitatis, Series: Electronics and Energetics, Volume 23, Number 2, pp.217-226, 2010, ISSN: 0353-3670 (Print), 2217-5997 (Online). M24 in 2010		
18	T. Asenov, N. Dončov, B. Milovanović, "Application of Metamaterials for the Microwave Antenna Realisations", Serbian Journal of Electrical Engineering, Vol.9, No.1, pp.1-7, February 2012, Printed Version: ISSN 1451 – 4869, Online Version: ISSN 2217 – 7183. M51 in 2012		
19	J. Russer, N. Dončov, F. Mukhtar, B. Stošić, T. Asenov, B. Milovanović, P. Russer, "Equivalent Lumped Element Network Synthesis for Distributed Passive Microwave Circuits", Microwave Review - National journal published by national MTT society and national IEEE MTT-S Chapter, Vol.17, No.2, pp.23 -28, 2011, ISSN: 14505835. M52 in 2011		
20	N. Dončov, B. Milovanović, T. Asenov, J. Paul, "TLM Modelling of Left-Handed Metamaterials by Using Digital Filtering Techniques", Microwave Review - National journal published by national MTT society and national IEEE MTT-S Chapter, Vol.16, No.2, pp.2-7, 2010, ISSN: 14505835. M51 in 2010		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	20	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	16	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
University of Nottingham, UK, 2004. Technical University of Munich, Germany, 2012.			
<b>Other data considered relevant</b>			
From 2001 to 2003 he was working as research and development engineer with company Flomerics Ltd, Electromagnetics Division, in Nottingham, UK, developing commercial software packages in the field of applied electromagnetics and electromagnetic compatibility: Micro-Stripes and FLO/EMC. He is a recipient of the award "Young Scientist Award of the Year" by International society URSI (International Union of Radio Science) in 2002. He is one of the authors of the faculty textbook: B. Milovanović, V. Marković, N. Dončov, Z. Stanković, "Wireless communication systems", Faculty of Electronic Engineering, 2008. He participated in a bilateral project between Ministry of education and science of Republic of Serbia and German DAAD fondation under the title "Network methods for electromagnetic field modelling", financed in the period 2011-2012.			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Drača Lj. Dragan		
<b>Title</b>	Professor		
<b>Specific scientific field</b>	Telecommunications		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	01.02.2006	University of Niš, Faculty of Electronic Engineering	Telecommunications
PhD	27.10.1995	University of Niš, Faculty of Electronic Engineering	Telecommunications
Diploma		University of Niš, Faculty of Electronic Engineering	Telecommunications
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Digital modulation techniques		
2	Packet transport networks		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	A.Panajotović, N.Sekulović, M.Stefanović, D.Drača: "Average Level Crossing Rate of Dual Selection Diversity over Correlated Unbalanced Nakagami-m Fading Channels in the Presence of Cochannel Interference", IEEE Communication Letters, vol.16, no.5, pp.691-693, 2012.		
2	A.Panajotović, M.Stefanović, D.Drača, N:sekulović: "Average Level Crossing Rate of Dual Selection Diversity in Correlated Rician Fading with Rayleigh Cochannel Interference", IEEE Communication Letters, vol.14, no.7, pp.605-607, 2010.		
3	A.Panajotović, M.Stefanović, D.Drača: "Cochannel Interference Effect on BEP Performance of SSC Receiver in Correlated Rician Fading", Journal of the Franklin Institute, vol.347, no.7, pp.1242-1252, 2010.		
4	A.Panajotović, M.Stefanović, D.Drača: "Performance Analysis of System with Selection Combining over Correlated Rician Fading Channels in the Presence of Cochannel Interference", International Journal of Electronics and Communications - AEU, vol.63, no.12, pp.1061-1066, 2009.		
5	A.Panajotović, M.Stefanović, D.Drača: "Effect of Microdiversity and Macrodiversity on Average Bit Error Probability in Shadowed Fading Channels in the Presence of Interference", ETRI Journal, vol.31, no.5, pp.500-505, 2009.		
6	Mihajlo Č. Stefanović, Dragan Lj. Drača, Aleksandra S. Panajotović, Nikola M. Sekulović, "Performance analysis of system with L-branch selection combining over correlated Weibull fading channels in the presence of cochannel interference", International Journal of Communication Systems, (publisher: John Wiley and Sons Ltd.), vol. 23, no. 2, pp. 139-150, Feb. 2010.		
7	Nikola Sekulović, Mihajlo Stefanović, Dragan Drača, Aleksandra Panajotović, Martina Zdravković, "Switch and stay combining diversity receiver in microcellular mobile radio system", Electrical Review (Przeglad Elektrotechniczny), (publisher: Wydawnictwo SIGMA-NOT Sp. zoo), vol. 86, no. 2, pp. 346-350, Dec. 2010		
8	Nikola M. Sekulović, Mihajlo Č. Stefanović, Dragan Lj. Drača, Aleksandra S. Panajotović, Dušan M. Stefanović "Performance Analysis of Microcellular Mobile Radio Systems with Selection Combining in the Presence of Arbitrary Number of Cochannel Interferences", Advances in Electrical and Computer Engineering, (publisher: Stefan cel Mare University of Suceava, Romanian Academy of Technical Sciences), vol. 10, no. 4, pp. 3-8, Dec. 2010.		
9	Aleksandra Panajotović, Mihajlo Stefanović, Dragan Drača, Nikola Sekulović, "Average Level Crossing Rate of Microcellular Mobile Radio System with Selection Combining in the Presence of Arbitrary Number of Cochannel Interferences", Transactions on Emerging Telecommunications Technologies (European Transactions on Telecommunications), (publisher: John Wiley and Sons Ltd.), vol. 23, no. 4, pp. 334-340, June 2012.		
10	Aleksandra Panajotović, Dragan Drača, Nikola Sekulović, Dušan Stefanović, Mihajlo Stefanović, "Average Fade Duration for Dual Selection Diversity in Correlated Rician Fading with Rayleigh Cochannel Interference", Revue Roumaine des Sciences Techniques - Ser. Electrotechnique et Energetique, (publisher: Publishing House of the Romanian Academy), vol. 57, no. 4, pp. 394-400, 2012.		
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20			
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations		Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	25	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Milošević M. Dušan		
<b>Title</b>	associate professor		
<b>Specific scientific field</b>	mathematics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	4.7.2011.	Faculty of Electronic Engineering	mathematics
PhD	15.6.2005.	Faculty of Science	mathematics
Diploma	13.10.1988.	Faculty of Electronic Engineering	computer science
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Interval mathemataics		
2			
3			
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5			
<b>The most relevant pubications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Miodrag S. Petković, Mimica R. Milošević, Dušan M. Milošević: Efficient methods for the inclusion of polynomial zeros, Applied Mathematics and Computation 217 (2011), 7636-7652.		
2	Miodrag S. Petković, Mimica R. Milošević, Dušan M. Milošević: New higher-order methods for the simultaneous inclusion of polynomial zeros, Numerical Algorithms 58 (2011), 179--201.		
3	Miodrag S. Petković, Dušan M. Milošević: Higher order methods for the inclusion of multiple zeros of polynomials, XIII International Symposium on Scientific Computing, Computer Arithmetic and Validated Numerical Computations, El Paso (USA), September 29--October 3, 2008, Reliable Computing, 15 (2011), 91--108.		
4	Miodrag S. Petković, Dušan M. Milošević, Ivan M. Petković: On the improved Newton-like methods for the inclusion of polynomial zeros, International Journal of Computer Mathematics, Vol. 87, No. 8, July 2010, 1726--1735.		
5	Miodrag S. Petković, Dušan M. Milošević, Ljiljana D. Petković: High order Euler-like method for the inclusion of polynomial zeros, Applied mathematics and computation 196 (2008), 762--773.		
6	Miodrag S. Petković, Dušan M. Milošević: On the convergence conditions of generalized root iteration for the inclusion of polynomial zeros, Mathematics and Computers in Simulation 78 (2008).		
7	Miodrag S. Petković, Dušan M. Milošević: Free-derivatives inclusion methods for polynomial zeros, Computing 75 (2005), 71--83.		
8	Ljiljana D. Petković, Miodrag S. Petković, Dušan M. Milošević: Weierstrass-like methods with corrections for the inclusion of polynomial zeros, Computing 75 (2005), 55--69.		
9	Miodrag S. Petković, Dušan M. Milošević: A higher order family for the simultaneous inclusion of multiple zeros of polynomials, Numerical Algorithms 39 (2005), 415--435.		
10	Miodrag S. Petković, Dušan M. Milošević: A new higher-order family of inclusion zero-finding methods, Journal of Computational and Applied Mathematics 182 (2005), 416--432.		
11	Miodrag S. Petković, Dušan M. Milošević: On a new family of simultaneous methods with corrections for the inclusion of polynomial zeros, International Journal of Computer Mathematics, 83 (2006), 299--317.		
12	Miodrag S. Petković, Dušan M. Milošević: Improved Halley-like methods with centered inversion, Applied Mathematics and Computation 169 (2005), 417--436.		
13	Miodrag S. Petković, Dušan M. Milošević: Laguerre-like methods for the simultaneous inclusion of multiple zeros of polynomials, Communication in Applied Analysis 9 (2005), 263--284.		
14	Miodrag S. Petković, Dušan M. Milošević: Ostrowski-like method with corrections for the inclusion of polynomial zeros, Reliable Computing 10 (2004), 437--467.		
15	Miodrag S. Petković, Dušan M. Milošević, Lidija Z. Rančić: Family of iterative methods for computing the zeros of analytic function, Invited Lecture Delivered at Fourth International Conference of Applied Mathematics and Computing (Plovdiv, Bulgaria, August 12--18, 2007), International Journal of Pure and Applied Mathematics, Volume 46, No. 2 (2008), 181--189.		
16	Dušan M. Milošević, Ljiljana D. Petković, Miodrag S. Petković: Self-validated methods for the simultaneous inclusion of polynomial zeros, Invited Lecture Delivered at Fourth International Conference of Applied Mathematics and Computing (Plovdiv, Bulgaria, August 12--18, 2007), International Journal of Pure and Applied Mathematics, Volume 46, No. 2 (2008), 171--180.		

17	Dušan M. Milošević, Miodrag S. Petković, Đorđe D. Herceg, Mimica R. Milošević: The improved square-root methods for the inclusion of multiple zeros of polynomials, Novi Sad Journal of Mathematics Vol. 40, No. 1, (2010), 77--101.		
18	Dušan M. Milošević, Miodrag S. Petković: On the simultaneous improving k inclusion disks for polynomial zeros, Filomat 22:2 (2008), 9--21.		
19	Miodrag S. Petković, Dušan M. Milošević: Improvement of convergence condition of the square-root method for the inclusion of multiple zeros, Novi Sad Journal of Mathematics, Vol. 36, No. 2, (2006), 101--109.		
20	Miodrag S. Petković, Dušan M. Milošević: The numerical stability of a Laguerre-like method for the simultaneous inclusion of polynomial zeros, Univerzitet u Beogradu, Publikacija Elektrotehničkog Fakulteta, Serija Matematika 17 (2006), 93--109.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	43	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	12	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			



## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Golubović M. Snežana	
<b>Title</b>		Professor	
<b>Specific scientific field</b>		Applied Physics	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	08.11.2006	Faculty of Electronic Engineering	Applied Physics
PhD	26.10.1995	Faculty of Electronic Engineering	Technical Sciences - Microelectronics
Diploma	05.09.1981	Faculty of Philosophy - Department of Physics	Natural Sciences - Physics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Photonics		
2	Technological processes in gasses and vacuum		
3	Influence of radiation on microelectronic devices		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	S. Dimitrijević, S. Golubović, D. Župac, M. Pejović, N. Stojadinović, Solid-State Electronics, Vol. 32 (5), pp. 349-353 (1989).		
2	S. Golubović, M. Pejović, S. Dimitrijević, and N. Stojadinović, Physica Status Solidi (a), Vol. 129, pp. 569-575 (1992).		
3	G. Ristić, S. Golubović, M. Pejović, Electronics Letters, 29, p.1644 (1993).		
4	M. Pejović, S. Golubović, G. Ristić, M. Odalović, Solid-State Electronics, Vol. 37 (1), pp. 215-216 (1994).		
5	N. Stojadinović, S. Djorić, S. Golubović, V. Davidović, Electronics Letters, Vol. 30, pp. 1192-1193 (1994).		
6	S. Golubović, G. Ristić, M. Pejović, S. Dimitrijević, Physica Status Solidi (a), Vol. 143, pp. 333-338 (1994).		
7	G. Ristić, S. Golubović, and M. Pejović, Applied Physics Letters, Vol. 66, pp.88-89 (1995).		
8	S. Golubović, S. Djorić-Veljković, V. Davidović, N. Stojadinović, Jpn. J. Appl. Phys., Vol 38(1), pp. 4699-4702, (1992).		
9	N. Stojadinović, I. Manić, S. Djorić-Veljković, S. Golubović, S. Dimitrijević, Microelectron. Reliab., Vol.45, pp. 115-122 - invited paper (2005).		
10	N. Stojadinović, D. Danković, S. Djorić-Veljković, V. Davidović, I. Manić, S. Golubović, Microelectron. Reliab., Vol. 45, pp. 1343-1348 (2005).		
11	D. Danković, I. Manić, S. Djorić-Veljković, V. Davidović, S. Golubović, N. Stojadinović, Microelectron. Reliab., Vol. 46, pp. 1828-1833 (2006).		
12	N. Stojadinović, I. Manić, V. Davidović, D. Danković, S. Djorić-Veljković, S. Golubović, IEE Proc. Circuits, Devices and Systems, Vol. 153, pp 281-288 (2006).		
13	D. Danković, I. Manić, V. Davidović, S. Djorić-Veljković, S. Golubović, N. Stojadinović, Microelectron. Reliab., Vol. 47, pp. 1400-1405 (2007).		
14	I. Manić, S. Djorić-Veljković, V. Davidović, D. Danković, S. Golubović, N. Stojadinović, IET Circuits, Devices and Systems, Vol. 2, pp 213-221 (2008).		
15	V. Davidović, N. Stojadinović, D. Danković, S. Golubović, I. Manić, S. Djorić-Veljković, S. Dimitrijević, Jpn. J. Appl. Phys., Vol 47, pp. 6272-6276, (2008).		
16	D. Danković, I. Manić, V. Davidović, S. Djorić-Veljković, S. Golubović, N. Stojadinović, Microelectron. Reliab., Vol. 48, pp. 1313-1317 (2008).		
17	I. Manić, D. Danković, S. Djorić-Veljković, V. Davidović, S. Golubović, N. Stojadinović, Microelectron. Reliab., Vol. 49, pp. 1003-1007 (2009).		
18	N. Stojadinović, D. Danković, I. Manić, A. Prijić, V. Davidović, S. Djorić-Veljković, S. Golubović, Z. Prijić, Microelectron. Reliab., Vol. 50, pp. 1278-1282 (2010).		
19	S. Djorić-Veljković, I. Manić, V. Davidović, D. Danković, S. Golubović, N. Stojadinović, Technology and Radiation Protection, Vol. 26, pp 18-24 (2011).		
20	I. Manić, D. Danković, A. Prijić, V. Davidović, S. Djorić-Veljković, S. Golubović, Z. Prijić, N. Stojadinović, Microelectron. Reliab. Vol. 51, pp. 1540-1543 (2011).		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	183	Number of domestic projects at which the lecturer currently participates	1

Total number of papers at the SCI (SSCI) list	33	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Milovanović Ž. Igor	
<b>Title</b>		full professor	
<b>Specific scientific field</b>		mathematics	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	21.06.1991	Faculty of Electronic Engineering	mathematics
PhD	july, 1980	Faculty of Electronic Engineering	mathematics
Diploma	September, 1975	Faculty of science, department of mathematics	mathematics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Design and analysis of parallel algorithms		
2			
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	I. Ž. Milovanović, E. I. Milovanović, M. K. Stojčev, M. P. Bekakos, Orthogonal fault-tolerant systolic arrays for matrix multiplication, , Microelectronics Reliability, Vol. 51, 3 (2011), 711-725., ISSN 0026-2714		
2	I. Ž. Milovanović, E. Milovanović, M. K. Stojčev, A class of fault-tolerant systolic arrays for matrix multiplication, Math. Comput. Modelling, Vol. 54, 1-2 (2011), 140-151, ISSN 0895-7177		
3	M. K. Stojčev, I. Ž. Milovanović, E. I. Milovanović, T. R. Nikolić, Address generators for linear systolic array, , Microelectronics Reliability, Vol. 50, 2 (2010), 292-303, ISSN 0026-2714		
4	I. Ž. Milovanović, M. P. Bekakos, I. N. Tselepis, E. I. Milovanović, Forty-three ways of systolic matrix multiplication, International J. Comput. Math., Vol. 87, 6 (2010), 1264-1276, ISSN 0010-7160		
5	E. I. Milovanović, M. P. Bekakos, I. Ž. Milovanović, Synthesis of space optimal systolic arrays for band matrix-vector multiplication, J. Supercomputing, Vol. 49, 3 (2009), 269-290, ISSN 0920-8542.		
6	E. I. Milovanović, T. R. Nikolić, M. K. Stojčev, I. Ž. Milovanović, Multifunctional systolic arrays with reconfigurable micropower processing elements, Microelectronics Reliability, Vol. 49, 7 (2009), 813-820, ISSN0026-2714.		
7	E.I.Milovanović, I. Ž. Milovanović, M. P. Bekakos, I. N. Tselepis, <i>Computing all-pairs shortest paths on a linear systolic array and hardware realization on reprogrammable FPGA platform</i> , J. Supercomputing, Vol. 40, 1 (2007), 49-66, ISSN 0920-8542.		
8	I.Ž. Milovanović, E.I. Milovanović, M.P. Bekakos, <i>Synthesis of a Unidirectional Systolic Array for Matrix-Vector Multiplication</i> , Math. Computing Modelling, Vol. 43, 5-6 (2006), 612-61, ISSN 0920-85429.		
9	N.M. Stojanović, E.I. Milovanović, I. Stojmenovic, I.Ž. Milovanović, T.I. Tokic, <i>Mapping Matrix Multiplication Algorithm onto Fault-Tolerance Systolic Array</i> , Comput. Math. Appl, Vol. 48 (2004), 275-289, ISSN 0898-1221.		
10	E.I. Milovanović, M.K. Stojčev, N.M. Novakovic, I.Ž. Milovanović, T.I. Tokic, <i>Matrix-Vector Multiplication on Fixed-Size Linear Systolic Array</i> , Comput. Math. Appl, 40(2000), 1189-1203, ISSN 0898-1221.		
11	M.K. Stojčev, G.L. Djordjevic, E.I. Milovanović, I.Ž. Milovanović, <i>Data Reordering Converter: An Interface Block in a Linear Chain of Procession Arrays</i> , Microelectronics Journal, Vol. 31, 1(2000), 23-37, ISSN 0026-2692.		
12	I. Z. Milentijevic, I.Ž. Milovanović, E.I. Milovanović, M.B. Tosic, M.K. Stojčev, <i>Two-Level Pipelined Systolic Arrays for Matrix-Vector Multiplication</i> , J. Systems Architecture, 44 (1998), 383-387, ISSN 1383-7621.		
13	E.I. Milovanović, I. Z. Milentijevic, I.Ž. Milovanović, Designing of processor-time optimal hexagonal systolic array for matrix multiplication, Comput. Arti. Intell., Vol. 16, 1 (1997), 1-11, ISSN 0232-0274		
14	I.Z. Milentijevic, I.Ž. Milovanović, E.I. Milovanović, M.K. Stojcev, <i>The Design of Optimal Planar Systolic Arrays for Matrix Multiplication</i> , Computers Math. Appl., Vol. 33, 6(1997), 17-35, ISSN 0898-1221.		
15	I.Ž. Milovanović, E.I. Milovanović, I.Z. Milentijevic, M.K. Stojcev, Designing of processor-time optimal systolic arrays for band matrix-vector multiplication, Comput. Math., Appl., Vol. 32, 2 (1996), 21-31, ISSN 0898-1221		
16	I.Ž. Milovanović, E.I. Milovanović, M.K. Stojcev, <i>Matrix Inversion Algorithm for Linear Array Processor</i> ., Math. Comput. Modelling, Vol. 16, 12(1992), 133-141, ISSN 0895-7177		

17	E.I. Milovanović, I.Ž. Milovanović, M.K. Stojcev, G.S. Jovanovic, <i>Fault-Tolerant Matrix Inversion on Processor Array</i> , Electronics Letters, Vol. 23, 13(1992), 1206-1208, ISSN0013-5194.
18	E.I. Milovanović, M.K. Stojcev, I.Ž. Milovanović, <i>Two Processor System for LU Factorization of Fivediagonal Matrix</i> , Inter. J. Electronics, Vol. 70 (1991), 11-22, ISSN 020-7217.
19	M.K. Stojcev, E.I. Milovanović, I.Ž. Milovanović, <i>An Algorithm for Multiplication of Concatenated Matrices</i> , Parallel Comput., Vol. 13 (1990), 211-223, ISSN 0167-8191.
20	I.Ž. Milovanović, E.I. Milovanović, M.K. Stojčev, <i>An Optimal Algorithm for Gaussian Elimination of Band Matrices on a MIMD Computer</i> , Parallel Comput., Vol. 15 (1990), 133-145, ISSN 0167-8191.

**Cumulative data of the scientific activity of the lecturer**

Total number of citations	81	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	30(SCI) + 25 (SSCI)	Number of international projects at which the lecturer currently participates	

**Specializations**

**Other data considered relevant**


## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Janković D. Nebojša		
<b>Title</b>	Professor		
<b>Specific scientific field</b>	Microelectronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	01.01.1999	University of Nis, Faculty of Electronic Engineering	Microelectronics
PhD	01.09.1990	University of Nis, Faculty of Electronic Engineering	Microelectronics
Diploma	05.09.1976	University of Nis, Faculty of Electronic Engineering	Telecommunications
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Physical electronics of semiconductors		
2	Microsensors		
3	Sensors and Actuators		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	N. Janković, D. Pantić, S. Batcup, P. Igić, LD MagFET - A Lateral Double-diffused Magnetic sensitive MOSFET with integrated n-type Hall plate, Applied Physics Letters, Vol. 100, No. 26, pp. 263507 (1-4) , 2012		
2	N. Jankovic, Numerical simulations of N-type CdSe poly-TFT electrical characteristics with trap density models of Atlas/Silvaco, Microelectronics Reliability, Vol. 52, No 11, November 2012, pp. 2537–2541.		
3	N. Janković, Compact model of the IGBTs with localized lifetime control dedicated to power circuit simulation, Solid-State Electronics, Vol.54 , pp. 268-274 , 2010		
4	N. Jankovic, V.BrajoVIC, Vth compensated AMOLED pixel employing dual-gate TFT driver, IET Electronics Letters, Vol. 47, No. 7, pp.456–457, 2011.		
5	N. Jankovic, Proposal of a Double-Gate Split-Drain/Source MAGFET with Bulk Conduction in FD SOI Technology, Sensors and Materials, Vol. 21, No. 3, pp. 167–177, 2009.		
6	N. Jankovic, T.Pesic, P.Igic, All Injection Level Power PiN Diode Model Including Temperature Dependence, Solid-State Electronics. Vol. 51, No. 5, pp.719-725, May 2007		
7	N. Jankovic, T. Pesic , Dragan Pantic, Dynamic MAGFET model for sensors simulation , IET Circuits, Devices & Systems, Vol. 1, No. 4, pp. 270-274, 2007		
8	N. Janković, T. Pesić, Modeling of Strained-Si/SiGe NMOS transistors including DC Self-Heating, Solid-State Electronics, vol. 50, No 3, pp 496-499, March 2006.		
9	N. Jankovic, T. Pesic, Non-quasi-static physics-based circuit model of fully-depleted double-gate SOI MOSFET, Solid-State Electronics, vol 49, No. 7 pp 1086-1089, July 2005		
10	T. Pesic, N. Jankovic, A Compact Non-Quasi-Static MOSFET Model based on the Equivalent Non-Linear Transmission Line, IEEE Trans. Computer-Aided-Design Integrated Circ. Systems, vol. 27 No 10, October 2005, pp. 1550-1561		
11	N. Jankovic, A. O'Neill, 2D device-level simulation study of strained-Si pnp heterojunction bipolar transistors on virtual substrates, Solid-State Electronics, vol. 48, No. 2, pp. 225-230, 2004.		
12	N. Jankovic, A. O'Neill, Performance evaluation of SiGe heterojunction bipolar transistors on virtual substrates, Solid-State Electronics, vol. 48, No. 2, pp. 277-284, 200		
13	N. Jankovic, T. Pesic, J. Karamarkovic, 1D Physical Based Non-Quasi Static BJT Circuit Model Based on the Equivalent Transmission Line Analysis, Journal of Computational Electronics, vol. 3, pp. 13-25, 2004.		
14	N. Jankovic, A O'Neill, Enhanced performance virtual substrate heterojunction bipolar transistor using strained-Si/SiGe emitter, Semiconductor Science and Technology, vol. 18, No. 9 , pp. 901-907, 2003		
15	N. Jankovic, V.BrajoVIC, Light-sensitive CMOS ring oscillator, IEE Electronic Letters, Vol.36, No.15, pp.1281-1283, 2000.		
16	N. Jankovic, High-gain vertical inversion layer emitter PNP bipolar transistor in standard CMOS, IEE Electronic Letters, vol.34 ,pp.945-946,1998		
17	N. Jankovic, E. Bushehri, Theoretical and experimental evaluation of high voltage CMOS inverters, IEE Proceedings: Circuits, Systems and Devices, vol 141, pp 162-166, 1995		
18	N. Jankovic, E.Bushehri, On the design and analysis of 0.6V-operating merged CMOS-Bipolar SRAM cell, IEE Proceedings: Circuits, Devices and Systems, Vol.142, No.6,pp. 369-371, 1995		
19	N. Jankovic, Pre-turn on source bipolar injection in graded NMOS structures, IEEE Transaction on Electron Devices, Vol. 38, No 11, pp. 2527-2530, 199		

20	N. Jankovic and J.Karamarkovic, Analytical Model for the Effective Recombination Velocity at an Arbitrarily Doped High-Low Junctions, IEE Proceedings, Part I: Solid -State and Electron Devices, vol.135, pp. 136-139, 1988.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	131	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	36	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
2005-2006: Visiting Scientist, MNC - School of Engineering , University of Wales, Swansea (UK)			
2003-2004: Research Fellow, Queen's University Belfast, North Ireland (UK)			
2002: Visiting Scientist, University of Newcastle, Newcastle upon Tyne, (UK)			
1999-2000: Visiting Scientist, Robotic Institute, Carnegie Mellon University, Pittsburgh, PA (USA)			
1987-1988: Research Scientist, Centre Suisse d'Electronique et de Microtechnique (CSEM) SA, Neuchâtel , Switzerland			
<b>Other data considered relevant</b>			
Senior Member of the Institute of Electric and Electronics Engineers (IEEE), USA (од 2002)			
College Member of the Engineering and Physical Sciences Research Council (EPSRC), UK ( од 2005)			
Associate member of the Serbian Academy of Engineering Science (AINS) (since 2012)			



## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Janjic, D, Aleksandar		
<b>Title</b>	Assistant professor		
<b>Specific scientific field</b>	Power engineering		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	12.12.2011	University of Nis, Faculty of electronic engineering	Power Engineering
PhD	28.03.2008.	University of Novi Sad, Faculty of technical sciences	Power Engineering
Diploma	16.01.1990	Universtiy of Belgrade, Faculty of electrotechnical engineering	Power Engineering

### List of courses the lecturer holds at study programs of doctoral studies

Number	The name of the course
1	Planning and operation of power networks
2	Active distribuion and micro grids
3	
4	
5	

### The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)

1	Janjic, A.; Popovic, D.: "Selective Maintenance Shedule of Distribution Networks based on Risk Management Approach", IEEE Transactions on Power Systems, Vol 22, No 2, Digital Object Identifier: 10.1109/TPWRS.2007.894863 Publication Year: 2007 , Page(s): 597 - 604
2	Janjic, A; Savic, S.;Janackovic, G.; "Multi criteria Decision Support for Optimal Distributed Generation Dispatch", Environment Friendly Energies and Applications (EFEA), 2012 2nd International Symposium on Digital Object Identifier: 10.1109/EFEA.2012.6294072 Publication Year: 2012 , Page(s): 134 - 139
3	Janjic, A.; Stajić, Z.; Radović, I.: "Power Quality Requirements for the Smart Grid" International Journal of Circuits, systems and signal processing, Issue 6, Volume 5, 2011, pp. 643-651 ISSN: 1998-4464
4	Janjic, A.; Stajic, Z.; "A practical inference engine for risk assesment of power systems based on hybrid fuzzy influence diagrams", Latest Advances in Information Science, Circuit and Systems, Proceedings of the 13th WSEAS International conference on Fuzzy Systems, FS12
5	Janjic, A.; Janackovic,G; Savic, S:"Multicriteria Methods for Distributed Generation resources optimization", accepteded for publishing in Journal of Energy and Power Engineering ISSN 1934-8975 David publishing company USA
6	Stajić, Z.; Janjić, A.; Simendić, Z:"Power quality and electrical energy losses as a key drivers for smart grid platform development" ,Proceedings of the 15th WSEAS International Conference on Systems, "Recent Researches in System science", Corfu Island, Greece, July 14-16, 2011, pp. 417-422, ISSN: 1792-4235, ISBN: 978-1-61804-023-7,
7	Janjić, A., Popović, D., "Risk Management approach in distribution networks maintenance schedule", CIRED 19th International Conference on Electricity Distribution, Vienna, 21- 24 May 2007. Paper 0215 Session 5
8	Janjic A. , "Long term planning in overhead distribution networks", "Elektroprivreda", 4, 2005, pp. 7 - 14
9	J. Spiric, A. Janjic, "Fuzzy logic at the fraud detection with one tarrif meters, "Elektroprivreda", бр. 4, 2006, pp. - 97
10	A. Janjic, "Risk management procedure in overhead network maintenance", "Електропривреда", бр. 4, 2009, pp. 59 – 672010, vol. 59, br. 2, str. 1-6
11	Aleksandar Janjic, Zoran Stajic, :“FUZZY INFLUENCE DIAGRAMS FOR DISTRIBUTION NETWORK MAINTENANCE DECISION SUPPORT”1st DQM International Conference LIFE CYCLE ENGINEERING AND MANAGEMENT ICDQM-2010 Belgrade, Serbia, 29-30 June 2010 Str. 236-241 UDK 685.56 ISSN 1451-4966
12	Aleksandar Janjic, Dragan Kovacevic, Zoran Stajic, ,:“TECHNO-ECONOMIC ANALYSIS OF MOUNTING OF SOLAR PV PANELS ON DISTRIBUTION SUBSTATIONS”1st DQM International Conference LIFE CYCLE ENGINEERING AND MANAGEMENT ICDQM-2010 Belgrade, Serbia, 29-30 June 2010Str. 452-457UDK 685.56 ISSN 1451-4966

13	A. Janjic, A. Andjelkovic: "FMECA analysis in power distribution" Техника - Електротехнка 2010, вол. 59, бр. 2, стр. 1-6		
14			
15			
16			
17			
18			
19			
20			
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	33	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	2	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Javor L. Vesna	
<b>Title</b>		Assistant professor	
<b>Specific scientific field</b>		Electrical power engineering	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	22.03.2013	University of Niš, Faculty of Electronic Engineering	Electrical power engineering
PhD	17.07.2009	University of Niš, Faculty of Electronic Engineering	Electrical power engineering
Diploma	02.10.1985	University of Niš, Faculty of Electronic Engineering	Applied electronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Static electricity in technological processes		
2	Electromagnetic compatibility		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Javor V., Chapter 3 "Fourier transform application in the computation of lightning electromagnetic field" in the book "Fourier Transform Applications" InTech, S. M. Salih (Editor), online ISBN: 978-953-51-0518-3, print ISBN: 979-953-307-537-1, pp. 57-86, April 2012, <a href="http://www.intechopen.com/books/fourier-transform-applications/fourier-transform-application-in-the-computation-of-lightning-electromagnetic-field">http://www.intechopen.com/books/fourier-transform-applications/fourier-transform-application-in-the-computation-of-lightning-electromagnetic-field</a>		
2	Javor V., Rančić P. D., "Electromagnetic field in the vicinity of lightning protection rods at a lossy ground," IEEE Transactions on Electromagnetic Compatibility, IEEE EMC Society, ISSN: 0018-9375, Vol. 51, No. 2, pp. 320-330, May 2009, INSPEC Accession Number: 10664279, DOI: 10.1109/TEMC.2008.2008814, <a href="http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=4812063">http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=4812063</a>		
3	Javor V., Rančić P. D., "A channel-base current function for lightning return-stroke modeling," IEEE Transactions on Electromagnetic Compatibility, IEEE EMC Society, ISSN: 0018-9375, Vol. 53, No. 1, pp. 245-249, February 2011, INSPEC Accession Number: 11807344, DOI: 10.1109/TEMC.2010.2066281, <a href="http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=05613925">http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=05613925</a>		
4	Javor V., "Approximation of a double-peaked lightning channel-base current", COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, ISSN: 0332-1649, Vol. 31, No. 3, pp. 1007-1017, 2012, DOI: 10.1108/03321641211209870, <a href="http://www.emeraldinsight.com/journals.htm?issn=0332-1649">http://www.emeraldinsight.com/journals.htm?issn=0332-1649</a>		
5	Javor V., "Modeling of lightning strokes using two-peaked channel-base currents", International Journal of Antennas and Propagation, Hindawi, ISSN: 1687-5869 (Print); 1687-5877 (Online), Vol. 2012, Article ID 318417, 7 pages, 2012, DOI: 10.1155/2012/318417, <a href="http://www.hindawi.com/journals/ijap/2012/318417">http://www.hindawi.com/journals/ijap/2012/318417</a>		
6	Javor V., "Electromagnetic field distribution of a nearby lightning discharge inside an overground conductive wire structure," Facta Universitatis, Series Electronics and Energetics, ISSN: 0353-3670, Vol. 16, No. 1, pp. 41-53, Niš, Apr. 2003, DOI: 10.2298/FUEE0301041J, <a href="http://facta.junis.ni.ac.rs/eae/fu2k31/3vj.html">http://facta.junis.ni.ac.rs/eae/fu2k31/3vj.html</a> <a href="http://www.doiserbia.nb.rs/issue.aspx?issueid=1509&amp;AspxAutoDetectCookieSupport=1">http://www.doiserbia.nb.rs/issue.aspx?issueid=1509&amp;AspxAutoDetectCookieSupport=1</a>		
7	Javor V., "New functions for representing IEC 62305 standard and other typical lightning currents", Journal of Lightning Research, Bentham Science Publishers, ISSN: 1652-8034, Vol. 4, pp. 50-59, 2012, No. 1652-8034/12, indexed in DOAJ, Open J-Gate, J-Gate, JOLR 2012, 4, (Suppl 2: M2) 50-59, <a href="http://benthamscience.com/open/jlr/articles/V004/SI0049JLR/50JLR.pdf">http://benthamscience.com/open/jlr/articles/V004/SI0049JLR/50JLR.pdf</a>		
8	Javor V., Đorđević G., "Design of electromechanical devices in accordance with EMC standards for medical equipment", Int. PhD Seminar on Computational electromagnetics and optimization in electrical engineering CEMOEE 2010, September 10-13, 2010, Sofia, (invited paper), pp. 38-45, Sofia, Bulgaria, 2010, <a href="http://phdsem.tu-sofia.bg/program_PhDSem10_6_Sept.pdf">http://phdsem.tu-sofia.bg/program_PhDSem10_6_Sept.pdf</a>		
9	Javor V., Rančić P. D., "New approaches to modeling of lightning electromagnetic field," Proceedings of full papers, International PhD-Seminar "Computational Electromagnetics and Technical Applications," August 28th - September 1st, 2006, (invited paper), pp. 117-129, Technical University of Banja Luka, Bosnia and Herzegovina, 2006, <a href="http://www.phd.etfbl.net/program.html">http://www.phd.etfbl.net/program.html</a>		

10	Javor V., "Parameters of lightning stroke currents defining their mechanical and thermal effects," 2012 IEEE Symposium on Electromagnetic Compatibility, August 5-10, 2012, Proceedings of papers, Vol.1, IEEE: CFP12EMC-PRT, ISBN: 978-1-4673-2058-0, ISSN: 2158-110X, pp. 334-339, 978-1-4673-2060-3/12, IEEE, Pittsburgh, Pennsylvania, USA, August 2012, DOI: 10.1109/ISEMC.2012.6351826, <a href="http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6333908">http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6333908</a> <a href="http://2012emc.org/assets/files/2012/proceedings/PDFs/Papers/Technical%20Papers/062_1559.pdf">http://2012emc.org/assets/files/2012/proceedings/PDFs/Papers/Technical%20Papers/062_1559.pdf</a>		
11	Javor V., Rančić P. D., "On the Choice of the Lightning Channel Current Decay Constant in the Modified Transmission Line Model with Exponential Decay," Journal of Communications, Software and Systems JCOMSS, Croatian Communications and Information Society (CCIS) and FESB, University of Split, ISSN: 1845-6421, Vol. 5, No. 4, pp. 135-139, December 2009. <a href="http://lab405.fesb.hr/jcomss/index.php?library=1">http://lab405.fesb.hr/jcomss/index.php?library=1</a> <a href="http://lab405.fesb.hr/jcomss/abstract.php?paper=8192">http://lab405.fesb.hr/jcomss/abstract.php?paper=8192</a>		
12	Javor V., H.-D. Betz, "Installation of the European Lightning Detection Network LINET in Serbia," Elektrotehnika & Elektronika E+E, The Union of Electronics, Electrical Engineering and Telecommunications (CEEC), Bulgaria, ISSN: 0861-4717, Vol. 45, No. 1-2/2010, pp. 12-15, Sofia, 2010. <a href="http://ceec.fnts-bg.org/sp-E+E.htm">http://ceec.fnts-bg.org/sp-E+E.htm</a> <a href="http://ceec.fnts-bg.org/e-plus-e/sadarjanie-2010-1-2.pdf">http://ceec.fnts-bg.org/e-plus-e/sadarjanie-2010-1-2.pdf</a>		
13	Javor V., "Integral transformation of the pulse function for high voltage technique," Journal of Energy and Power Engineering, David Publishing Company, USA, (in EBSCO, CSA, Ulrich, ProQuest, Summon, CEPS, CNKI), ISSN: 1934-8975, Vol. 5, No. 3, pp. 260-267, March 2011. <a href="http://davidpublishing.org/journals/J6/enegy2011/neng2011/562.html">http://davidpublishing.org/journals/J6/enegy2011/neng2011/562.html</a> <a href="http://www.airiti.com/CEPS/ec/ecJnlIntro.aspx?Jnlid=4113">http://www.airiti.com/CEPS/ec/ecJnlIntro.aspx?Jnlid=4113</a>		
14	Javor V., "A Comparison of Different Engineering Models for Computation of Lightning Magnetic Field of Negative First Strokes," TELFOR Journal, Telecommunications Society, Belgrade, ISSN: 1821-3251, Vol. 4, No. 2, pp. 149-154, 2012. <a href="http://journal.telfor.rs/Published/No8/No08_P14_fin.pdf">http://journal.telfor.rs/Published/No8/No08_P14_fin.pdf</a>		
15	Javor V., "Penetration of Electromagnetic Field of a Lightning Discharge into Parallelepiped Objects," Proc. of Papers (invited paper), 5th Int. Conference on Applied Electromagnetics ПЕC 2001, Niš, October 8-10, 2001, pp. 214, Niš, 2001, full paper printed in the Proceedings of Papers of the 6th Int. Conference on Applied Electromagnetics ПЕC 2003, Niš, June 2003, Faculty of Electronic Engineering of Niš, pp. 147-152, Niš, Serbia, 2003.		
16	Javor V., Rančić P. D., "Vertical Monopole Antenna Model of the Lightning Discharge Current: Two-Image Approximation of Sommerfeld's Integral Kernel," 16th International Conference on the Computation of Electromagnetic Fields COMPUMAG 2007, June 24-28, 2007, paper PD4-22, CD Proceedings, COMPUMAG Society, Aachen, Germany, June 2007. <a href="http://www.compumag.org/jsite/compumag-conferences.html">http://www.compumag.org/jsite/compumag-conferences.html</a>		
17	Javor V., Rančić P. D., "Computation of lightning electromagnetic field using new return stroke channel-base current function", 10th Int. Workshop on Optimization and Inverse Problems in Electromagnetism OIPE 2008, September 14-17, 2008, Ilmenau, abstract pp. 170-171, CD Proceedings of papers, 8 pages, paper P3-14, Technische Universität Ilmenau, Fakultät für Elektrotechnik und Informationstechnik, Ilmenau, Germany, 2008. <a href="http://www.tu-ilmenau.de/uni/fileadmin/Startseite/oipe/PDFs/OIPE2008_Proceedings_bookmarks.pdf">http://www.tu-ilmenau.de/uni/fileadmin/Startseite/oipe/PDFs/OIPE2008_Proceedings_bookmarks.pdf</a>		
18	Gaćanović M., Javor V., "Electrostatic Characterization: Determining the Zeta Potential and the Surface Conductivity," Proceedings of papers, 54th Internationales Wissenschaftliches Kolloquium IWK 2009, September 7-11, 2009, abstract pp. 385-386, ISBN 978-3-938843-45-1, full paper in CD Proceedings, ISSN: 978-3-938843-44-4, Technische Universität Ilmenau, Fakultät für Elektrotechnik und Informationstechnik, Ilmenau, Germany, 2009. <a href="http://www.db-thueringen.de/servlets/DocumentServlet?id=15169">http://www.db-thueringen.de/servlets/DocumentServlet?id=15169</a>		
19	Javor V., "On the Attenuation Factor in Engineering Models for Lightning Electromagnetic Field Computation," XVII International Symposium on Electrical Apparatus and Technologies SIELA 2012, May 28-30, 2012, Union of Electronics, Electrical Engineering & Telecommunications (CEEC), Technical University of Sofia and Varna, Proceedings of papers, Vol. 1, pp. 163-170, ISSN: 1314-6297, Bourgas, Bulgaria, May 2012. <a href="http://siela.tu-sofia.bg">http://siela.tu-sofia.bg</a>		
20	Javor V., "Multi-Peaked Functions for Representation of Lightning Channel-Base Currents," 31st International Conference on Lightning Protection ICLP 2012, September 2-7, 2012, Proceedings of papers, ICLP Society, Vienna, Austria, Sep. 2012. DOI: 10.1109/ICLP.2012.6344384 <a href="http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6335258">http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6335258</a> <a href="http://www.aldis.at/iclp2012">http://www.aldis.at/iclp2012</a>		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	12	Number of domestic projects at which the lecturer currently participates	2

Total number of papers at the SCI (SSCI) list	4	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
Professional-pedagogical exam for the professor of electrical engineering subjects for high schools 1988, two summer schools (2001, 2002) and five PhD seminars in the field of computational electromagnetics (2004, 2005, 2006, 2009, 2010). Basic EMC Training in the frame of EU project EMC Serbia, 2011. EMC Society Chapter Chair Training, Pittsburgh, USA, 2012.			
<b>Other data considered relevant</b>			
EMC Chapter Chair of the IEEE of the Serbia&Montenegro Section, IEEE EMC Society award for the EMC Chapter founder, Pittsburgh, USA, 2012.			
Chairman of the International Conference on Applied Electromagnetics ПЕC. Chairman of the International PhD Seminar CEMBEF 2009.			
Reviewer for the journals of SCI list (M21, M22, M23).			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Džunić S. Jovana		
<b>Title</b>	assistant professor		
<b>Specific scientific field</b>	Numerical analysis		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	28.1.2013.	Faculty of Electronic engineering, University of Niš	Mathematics
PhD	17.3.2013.	Faculty of Science, University of Niš	Mathematics
Diploma	3.4.2000.	Faculty of Science, University of Niš	Mathematics

### List of courses the lecturer holds at study programs of doctoral studies

Number	The name of the course
1	Numerical Linear Algebra
2	
3	
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### The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)

1	M.S. Petković, B. Neta, L.D. Petković, J. Džunić, Multipoint methods for solving nonlinear equations, Elsevir ISBN 918-0-12-397013-8
2	J.Džunić, On efficient two-parameter methods for solving nonlinear equations, Numer. Algorithms doi:101007/s11075-012-9641-3
3	J. Džunić, M.S. Petković, A cubically convergent Steffensen-like method for solving nonlinear equations, Appl. Math. Lett. 25 (2012) 1881-1886
4	J. Džunić, M.S.Petković, On generalized multipoint root-solvers with memory, J. Comput. Appl. Math. 236 (2012) 2909-2920
5	X. Wang, J. Džunić, T. Zhang, On an efficient family of derivative free three-point methods for solving nonlinear equations, Appl. Math. Comput. 219 (2012) 1749-1760
6	C. Chun, M.Y. Lee, B. Neta, J. Džunić, On optimal fourth-order iterative methods free from second derivative and their dynamics, Appl. Math. Comput. 218 (2012) 6427-6438
7	J. Džunić, M.S. Petković, L.D. Petković, Three-point methods with and without memory for solving nonlinear equations, Appl. Math. Comput. 218 (2012) 4917-4927
8	M.S. Petković, J. Džunić, B. Neta, Interpolatory multipoint methods for solving nonlinear equations, Appl. Math. Comput. 218 (2011) 2533-2541
9	J. Džunić, M.S. Petković, L.D. Petković, A family of optimal three-point methods for solving nonlinear equations using two parametric functions, Appl. Math. Comput. 217 (2012) 7612-7619
10	M.S. Petković, J. Džunić, M. Milošević, Traub's accelerating generator of iterative root-finding methods, Appl. Math. Lett. 24 (2011) 1443-1448
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### Cumulative data of the scientific activity of the lecturer

Total number of citations	35	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	16	Number of international projects at which the lecturer currently participates	0

### Specializations

Attending international conferences Applied Linear Algebra (Novi Sad, 2010), European Congress on Numerical Mathematics 2011 (Leicester, Great Britain) and Computational Methods in Mathematics (Berlin 2012)

### Other data considered relevant

Reviewer for journals of highest category: Applied Mathematics and Computation, J. Computational and Applied Mathematics, Calcolo, Applied Numerical Mathematics, Annali dell'Università di Ferrara and Applicable Analysis and Discrete Mathematics.



## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Jovanović Ž. Aleksandra	
<b>Title</b>		Assistant Professor	
<b>Specific scientific field</b>		Telecommunications	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	15.03.2011.	University of Niš, Faculty of Electronic Engineering	Telecommunications
PhD	03.05.2007.	University of Niš, Faculty of Electronic Engineering	Telecommunications
Diploma	27. 09. 1995.	University of Niš, Faculty of Electronic Engineering	Telecommunications
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Advanced Error Control Coding Techniques		
2	Information Theory and Source Coding		
3			
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<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Aleksandra Ž. Jovanović, Zoran H. Perić, Geometric Piecewise Uniform Lattice Vector Quantization of the Memoryless Gaussian Source, Information Sciences (Elsevier), vol. 181, no. 14, pp. 3043–3053, 2011, ISSN 0020-0255, DOI: 10.1016/j.ins.2011.03.012, M21 (IF: 2.833).		
2	Zoran H. Perić, Aleksandra Ž. Jovanović, Radial Compression Function for Vector Quantizer of Laplacian Source with High Dynamic Variance Range, European Transactions on Telecommunications (John Wiley & Sons), vol. 22, no. 3, pp. 113-124, 2011, ISSN 1124-318X, DOI: 10.1002/ett.1463, M23 (IF: 0.514)		
3	Marko D. Petković, Zoran H. Perić, Aleksandra Ž. Jovanović, An iterative method for optimal resolution-constrained polar quantizer design, COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering (Emerald Group Publishing Limited), vol. 30, no. 2, pp. 574-589, 2011, ISSN 0332-1649, DOI: 10.1108/03321641111101087, M23 (IF: 0.311).		
4	Zoran H. Perić, Aleksandra Ž. Jovanović, Optimal Piecewise Linear Radial Compression Function for Laplacian Source, European Transactions on Telecommunications (John Wiley & Sons), vol. 19, no.8, pp. 859-872, 2008, ISSN 1124-318X, DOI: 10.1002/ett.1314, M23 (IF: 0.549).		
5	Zoran H. Perić, Olivera D. Milanović, Aleksandra Ž. Jovanović, Optimal Companding Vector Quantization for Circularly Symmetric Sources, Information Sciences (Elsevier), vol. 178, no. 22, pp. 4375-4381, 2008, ISSN 0020-0255, DOI: 10.1016/j.ins.2008.05.029, M21 (IF: 3.095).		
6	Aleksandra Ž. Jovanović, Zoran H. Perić, Jelena Nikolić, Nenad Milošević, The Influence of Probability Density Function Discretization on Geometric Lattice Quantizer Design for Memoryless Gaussian Source, Electronics and Electrical Engineering, vol. 19, no. 1, pp. 99-103, 2013, ISSN 1392-1215, DOI: 10.5755/j01.eee.19.1.3263, M23 (IF2011: 0.913).		
7	Zoran H. Perić, Aleksandra Ž. Jovanović, Olivera D. Milanović, Vladislav V. Manojlović, Milan D. Dinčić, Adaptive Nonuniform Polar Quantization Application to High Quality Speech Compression, Journal of Communications Technology and Electronics, vol. 54, no. 12, pp. 1384–1396, 2009, ISSN 1064-2269, DOI: 10.1134/S1064226909120080, M23 (IF: 0.235)		
8	Jelena R. Nikolić, Zoran H. Perić, Aleksandra Ž. Jovanović, Dragan Antić, Design of Forward Adaptive Piecewise Uniform Scalar Quantizer with Optimized Reproduction Level Distribution per Segments, Electronics and Electrical Engineering, vol. 119, no. 3, pp. 19-22, 2012, ISSN 1392-1215, M23 (IF2011: 0.913).		
9	Milan R. Dinčić, Zoran H. Perić, Aleksandra Ž. Jovanović, Optimal polar image sampling, Opto-electronics Review, vol. 19, no. 2, pp. 249-255, 2011, ISSN 1230-3402, M23 (IF: 1.054).		
10	Zoran H. Perić, Dragan Denić, Jelena Nikolić, Aleksandar Jocić, Aleksandra Ž. Jovanović, "DPCM Quantizer Adaptation Method for Efficient ECG Signal Compression", accepted for publication in Journal of Communications Technology and Electronics, ISSN 1064-2269, M23.		
11	Jelena Nikolić, Zoran H. Perić, Dragan Antić, Aleksandra Ž. Jovanović, Dragan Denić, "Low Complex Forward Adaptive Loss Compression Algorithm and its Application in Speech Coding", Journal of Electrical Engineering, vol. 62, no. 1, pp. 19-24, 2011, ISSN 1335-3632, M23 (IF: 0.370).		
12	Zoran H. Perić, Milan R. Dinčić, Aleksandra Ž. Jovanović, Optimal log-polar image sampling, Journal of Communications Technology and Electronics, vol. 54, no. 12, pp. 1397–1402, 2009, ISSN 1064-2269, DOI: 10.1134/S1064226909120092, M23 (IF: 0.235).		

13	Zoran H. Perić, Aleksandra Ž. Jovanović, Mihajlo Č. Stefanović, Srđan Bogosavljević, Switched Nonuniform Polar Quantization of Sources with a Wide Dynamic Range of Power, Journal of Communications Technology and Electronics, vol. 52, no. 12, pp. 1340–1349, 2007, ISSN 1064-2269, DOI: 10.1134/S1064226907120066, M23 (IF: 0.328).		
14	Mihajlo Č. Stefanović, Dragan Lj. Drača, Aleksandra Ž. Vidović, Effect of Noisy Carrier Reference Signal and Interference on Performance of MSK receiver, International Journal of Communication Systems, no 17, pp. 119-126, 2004, ISSN 1074-5351, DOI: 10.1002/dac.632/abstract, M23 (IF: 0.178).		
15	Mihajlo Č. Stefanović, Dragan Lj. Drača, Aleksandra Ž. Vidović, Daniela Milović, Coherent Detection of FSK Signal in the Presence of Cochannel Interference and Noisy Carrier Reference Signal, International Journal of Electronics and Communications (AEU), vol. 53, no. 2, pp. 77-82, 1999, ISSN 1434-8411, M22 (IF: 0.488)		
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<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	32	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	15	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Korunović M. Lidija	
<b>Title</b>		Assistant Professor	
<b>Specific scientific field</b>		Power Engineering	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	31.05.2010.	Faculty of Electronic Engineering in Niš	Power Engineering
PhD	26.12.2008.	Faculty of Electronic Engineering in Niš	Power Engineering
Diploma	19.11.1996.	Faculty of Electronic Engineering in Niš	Industrial Power Engineering
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Distribution systems		
2	Power Quality in Distribution Networks		
3			
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<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	L. Korunović, D. Stojanović, "Load Modeling in Distribution Networks", Facta Universitatis (Niš), Series: Electronics and Energetics, Vol. 15, No. 3, December 2002, pp. 419-427.		
2	D. Stojanović, L. Korunović, J. V. Milanović, "Dynamic load modelling based on measurements in medium voltage distribution network", Electric Power Systems Research, Vol. 78, No. 2, February 2008, pp. 228-238.		
3	L. Korunović, D. Stojanović, J. V. Milanović, "Identification of Static Load Characteristics Based on Measurements in Medium-Voltage Distribution Network", IET Generation, Transmission & Distribution, Vol. 2, No. 2, March 2008, pp. 227-234.		
4	Lidija M. Korunović, Dobrivoje P. Stojanović, "Dynamic Load Modelling of Some Low Voltage Devices", Facta Universitatis (Niš), Series: Electronics and Energetics, Vol. 22, No. 1, April 2009, pp. 61-70.		
5	L. M. Korunović, "Teaching Fundamentals of Measurement-based Load Modelling Approach through Practical Examples", International Journal of Electrical Engineering Education, Vol. 49, No. 2, April 2012, pp. 157-169.		
6	Lidija Korunovic, Marko Vuckovic, Miodrag Stojanovic, Dragan Tasic, "The analysis of typical seasonal load duration curves of low-voltage consumers", Int. J. Reasoning-based Intelligent Systems, Vol. 4, No. 1-2, 2012, pp. 91-98.		
7	D. Stojanović, L. Korunović, "The Analysis of Load Type Influence on Distribution Network Calculation Results", Elektroprivreda, No. 1, 2000, pp. 76-81. (in Serbian)		
8	J. V. Milanovic, K. Yamashita, S. Marinez Villanueva, S. Ž. Djokic, L. M. Korunovic, "International Industry Practice on Power System Load Modeling", IEEE Trans. Power Systems. (article in press)		
9	L. Korunović, D. Stojanović, "Power Quality Indices of Some Nonlinear Loads in the Area of JP "Elektroprivreda" Niš", Elektroprivreda, No. 1, 2005, pp. 46-57.(in Serbian)		
10	D. Stojanović, L. Korunović, S. Jovanović, A. Vukašinić, M. Dočić, "Loss Factor in Distribution Area of JP "Elektroprivreda" Niš", Elektroprivreda, No. 4, 2005, pp. 51-61. (in Serbian)		
11	Lidija Korunović, Dobrivoje Stojanović, "Static Load Characteristics on 35kV Level of Distribution Network of Nis", Elektroprivreda, No. 4, 2008, pp. 64-71. (in Serbian)		
12	Lidija Korunović, "Dynamic Characteristics of Residential Load on 10kV Level", Elektroprivreda, No. 4, 2009, pp. 57-66. (in Serbian)		
13	L. Korunović, D. Stojanović, "Induction Motor Impact on Effective and Thermal Short-Circuit Current", ICEST 2002., Niš, 1-4 October 2002, pp. 535-538.		
14	D. Stojanović, L. Korunović, M. Dočić, V. Kostić, "Analysis of Harmonics in Low-Voltage Device Currents", ICEST 2002, Niš, 1-4 October 2002, pp. 539-542.		
15	L. Korunović, D. Stojanović, "A New Fuzzy Logic Approach for Selection of Capacitor Installation Locations", ICEST 2002, Niš, 1-4 October 2002, pp. 543-546.		
16	L. Korunović, D. Stojanović, "The Influence of Uncertain Load Parameter Data on Distribution Network Power Flow Results", ICEST 2004, Bitola, 16-19. June 2004., pp. 23-26.		
17	L. Korunović, D. Stojanović, G. Kostić, "Harmonics in Medium Voltage Distribution Network of Nis", Proc. Second Regional Conference & Exhibition on Electricity Distribution, Zlatibor, Serbia, October 2006, R-2.7		
18	D. Stojanović, L. Korunović, "The Analysis of Load Unbalance in Low Voltage Distribution Network of Niš", ICEST 2008, Niš, Serbia, June 25-27 2008, pp. 323-326.		

19	Lidija M. Korunović, Dobrivoje P. Stojanović, Slađan Lj. Jovanović, "Some Power Quality Indices in Distribution Network of City of Niš", Eurocon 2009, Saint Petersburg, Russia, May 18-23, 2009, Proceedings on CD-ROM		
20	Lidija Korunović, Dobrivoje Stojanović, Sladjan Jovanović, "The Research of Harmonics in Low Voltage Distribution Network of Nis", ICEST 2009, Veliko Tarnovo, Bulgaria, 25-27 June, 2009, pp. 323-326.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	35	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	4	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Stefanović V. Lidija		
<b>Title</b>	full professor		
<b>Specific scientific field</b>	Mathematics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	14.01.2004.	Faculty of Electronic Engineering	Mathematics
PhD	15.12.1986.	Faculty of Electronic Engineering	Mathematics
Diploma	24.06.1979.	Faculty of Electronic Engineering	Mathematics

### List of courses the lecturer holds at study programs of doctoral studies

Number	The name of the course
1	Analysis of numerical algorithms
2	
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### The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)

1	M.S. Petković, L.V. Stefanović: The numerical stability of the generalized root iterations for polynomial zeros. Comput. Math. Appl. 10 (1984), 97--106.
2	M.S. Petković, G.V. Milovanović, L.V. Stefanović: On the Convergence Order of an Accelerated Simultaneous Method for Polynomial Complex Zeros. Z. Angew. Math. Mech. 66 (1986), 428--429.
3	M.S. Petković, G.V. Milovanović, L.V. Stefanović: Some higher--order methods for the simultaneous approximation of multiple polynomial zeros. Comput. Math. Appl. 9 (1986), 951--962.
4	M.S. Petković, L.V. Stefanović: On some improvements of square root iteration for polynomial complex zeros. J. Comput. Appl. Math. 15 (1986), 13--25.
5	M.S. Petković, L.V. Stefanović: On a Second Order Method for the Simultaneous Inclusion of Polynomial Complex Zeros in Rectangular Arithmetic. Computing 36 (1986), 249--261.
6	M.S. Petković, L.V. Stefanović: On some iteration functions for the simultaneous computation of multiple complex polynomial zeros. BIT 27 (1987), 111--122.
7	M.S. Petković, L.V. Stefanović: Forward--backward serial iteration methods for simultaneously approximating polynomial zero. Intern. J. Computer Math. 37 (1990), 227--238.
8	P.D. Rančić, L.V. Stefanović, Đ.R. Đorđević: A New Model of the Vertical Ground Rod in Two--Layer Earth. IEEE Trans. on Magnetics, Vol. 28, No. 2 (1992), 1497--1500.
9	M.S. Petković, L.V. Stefanović, Z.M. Marjanović: A family of simultaneous zero finding methods. Intern. J. Computer Math. 43 (1992), 111--126.
10	M.S. Petković, L.V. Stefanović, Z.M. Marjanović: On the R--order of Some Accelerated Methods for the Simultaneous Finding of Polynomial Zeros. Computing 49 (1993), 349--361.
11	P.D. Rančić, L.V. Stefanović, Đ.R. Đorđević: An Improved Linear Grounding System Analysis in Two--Layer Earth. IEEE Trans. On Magnetics, Vol. 32, No. 5 (1996), 5179--5187.
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### Cumulative data of the scientific activity of the lecturer

Total number of citations	11	Number of domestic projects at which the lecturer currently participates	
Total number of papers at the SCI (SSCI) list	12	Number of international projects at which the lecturer currently participates	

### Specializations

### Other data considered relevant

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Rančić Z. Lidija		
<b>Title</b>	associate professor		
<b>Specific scientific field</b>	mathematics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	4.7.2011.	Faculty of Electronic Engineering, University of Niš	mathematics
PhD	15.6.2005.	Faculty of Science, Department of Mathematics, University of Niš	mathematics
Diploma	28.9.1988.	Faculty of Philosophy, Department of Mathematics, University of Niš	mathematics

### List of courses the lecturer holds at study programs of doctoral studies

Number	The name of the course
1	Numerical Linear Algebra
2	
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### The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)

1	M. S. Petković, L. Rančić, M. Milošević: On the improved Farmer-Loizou method for finding polynomial zeros, Int. J. Comput. Math. 89 (2012), 499-509.
2	M. S. Petković, L. Z. Rančić, M. R. Milošević: On the new fourth-order methods for the simultaneous approximation of polynomial zeros, J. Comput. Appl. Math. 235 (2011), 4056-4075.
3	M. S. Petković, L. Rančić, L. D. Petković, S. Ilić: Chebyshev-like root finding methods with accelerated convergence. Numerical Linear Algebra with Applications. 16 (2009), 971-994.
4	L. Z. Rančić, M. S. Petković: A note on the improved derivative free root-solvers. J. Comput. Appl. Math. 223 (2009), 535-539.
5	L. D. Petković, L. Z. Rančić, M. S. Petković: An efficient higher order family of root finders, J. Comput. Appl. Math. 216 (2008), 56-72.
6	M. S. Petković, Lj. D. Petković, L. Z. Rančić: Point estimation of simultaneous methods for solving polynomial equations: a survey (II). Journal of Computational and Applied Mathematics, 205 (2007) 32–52.
7	M. S. Petković, L. Z. Rančić: A Family of Root-Finding Methods with Accelerated Convergence. Computers and Mathematics with Applications 51 (2006) 999–1010.
8	M. S. Petković, T. Saqurai, L. Z. Rančić: Family of simultaneous methods of Hansen--Patrick's type. Applied Numerical Mathematics, 50 (2004) 489–510.
9	M. S. Petković, L. Z. Rančić: On the guaranteed convergence of the square root iteration method. Journal of Computational and Applied Mathematics, 170 (2004) 169–179.
10	M. S. Petković, L. Z. Rančić: A new fourth order family of simultaneous methods for finding polynomial zeros. Applied Mathematics and Computation 164 (2005) 227--248
11	M. S. Petković, S. Ilić, L. Rančić: The convergence of a family of parallel zero-finding methods. Computers and Mathematics with Applications 48 (2004) 455--467
12	M. S. Petković, L. Z. Rančić: On the guaranteed convergence of the fourth--order simultaneous method for polynomial zeros. Appl. Math. Computat. 155 (2004) 531-543.
13	S. M. Ilić, L. Rančić: On a modification of the Ehrlich-Aberth method for simultaneous approximation of the polynomial zeros. Internat. J. Comp. Math., 81(4) (2004) 455-471.
14	M. S. Petković, Lj. D. Petković, L. Z. Rančić: Higher order simultaneous methods for the determination of polynomial multiple zeros. Internat. J. Comp. Math., 80 (11) (2003) 1407--1427.
15	M. S. Petković, D. M. Milošević, L. Z. Rančić: Family of iterative methods for computing the zeros of analytic functions. J. Pure & Appl. Math. 46 (2008), 181-189.
16	M.S. Petković, L. Rančić, D. Milošević: Laguerre-like methods for the simultaneous approximation of polynomial multiple zeros, Yugoslav Journal of Operations Research, 16 (1) (2006),31--44.
17	M. S. Petković, L. Z. Rančić: On the guaranteed convergence of the Chebyshev-like method for computing polynomial zeros, Facta Universitatis (Niš), Series: Mathematics and Informatics, 21 (2006), 77--86.
18	L. Z. Rančić, M. S. Petković: Square root families for the simultaneous approximation of polynomial multiple zeros. Novi Sad J. Math. Vol. 35, No. 1 (2005) 59-- 70.
19	M. S. Petković, L. Rančić, D. Milošević: On the guaranteed convergence of the Japanese zero-finding method, Publications de l'Institut Mathématique, Nouvelle série, tome 73 (87), (2003), 59-72.



20	M. S. Petković, L. Rančić, D. Milošević: Numeričko rešavanje nelinearnih jednačina, Elektronski fakultet, Univerzitet u Nišu, 2009.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	29	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	14	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Kocić M. Ljubiša		
<b>Title</b>	full professor		
<b>Specific scientific field</b>	Applied mathematics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	18.06.1996	Faculty of Electronic Engineering	Mathematics
PhD	07.06.1985	Faculty of Electronic Engineering	Mathematics
Diploma	28.05.1975	Faculty of Electronic Engineering	Technical sciences

### List of courses the lecturer holds at study programs of doctoral studies

Number	The name of the course
1	Approximation theory
2	Computer aided geometric modelling
3	Dynamical systems and chaos
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### The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)

1	Lj. M. Kocić, Applications in computer aided geometric design, In: Topics in Polynomials: Extremal Problems, Inequalities, Zeros; World Scientific, Singapore (1994) 757–773.
2	Lj. M. Kocić, A. C. Simioncelli, Towards free-form fractal modelling, In: Mathematical Methods for Curves and Surfaces II, M. Daehlen, T. Lyche and L. L. Schumaker (eds.), pp. 287–294, Vanderbilt University Press, Nashville (TN.) 1998.
3	Lj. M. Kocić, A. C. Simioncelli, Shape predictable IFS representations, In: Emergent Nature, M. M. Novak (ed.), World Scientific 2002, pp. 435-436.
4	Lj. M. Kocić, L. Stefanovska, Complex Dynamics of Visual Arts, In: Chaos and Complexity in the Arts and Architecture, (ed. N. Sala), pp. 39-61, Nova Science, New York, 2007.
5	Lj. M. Kocić, Modification of Bezier curves and surfaces by degree elevation technique, Computer Aided Design 23 (1991), no. 10, 692-699.
6	Lj. M. Kocić, L. Stefanovska, A property of Farey tree, Lect. Notes in Computer Science, Vol. 3401, (2005), 346-352.
7	Lj. M. Kocić, G. V. Milovanović, Shape preserving approximations by polynomials and splines, Comput. Math. Appl. 33 (1997), 59-97.
8	Lj. M. Kocić, AIFS – a Tool for Biomorphic Fractal Modeling, Nonlinear Dynam., Psychology Life Sci. 5 (2000), no. 1, 45-63.
9	Lj. M. Kocić, Fractals and Bernstein polynomials, Period. Math. Hungar. 33 (1996), 185–195.
10	Lj. M. Kocić, On Visualization of Numbers, Math. Balkanica (N.S.) 17 (2003), Fasc. 1-2.
11	G.V. Milovanovic, Lj. M. Kocić, Integral Spline Operators in CAGD, Atti Sem. Mat. Fis. Univ. Modena 39 (1991), 329-350.
12	Lj. M. Kocić, A. C. Simioncelli, About Affine Invariance of Fractal Interpolants, Rend. Circ. Mat. Palermo, Serie II, Suppl. 68 (2002), pp. 569-583.
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### Cumulative data of the scientific activity of the lecturer

Total number of citations	107	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	13	Number of international projects at which the lecturer currently participates	0

### Specializations

### Other data considered relevant

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Maleš-Ilić P. Nataša		
<b>Title</b>	Associate Professor		
<b>Specific scientific field</b>	Telecommunications		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	2010	University of Niš, Faculty of Electronic Engineering	Telecommunications
PhD	2004	University of Westminster, London, UK	Telecommunications
Diploma	1992	University of Niš, Faculty of Electronic Engineering	Telecommunications
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Microwave electronics		
2	RF and microwave amplifiers		
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<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Vera Marković, Bratislav Milovanović, Nataša Maleš-Ilić: "Noise Modeling of Dual-Gate MESFET", Electronics Letters, 1997, Vol.33, No.9, pp. 820-821		
2	Olivera Pronić, Vera Marković, Nataša Maleš-Ilić, "The Wave Approach to Noise Modeling of Microwave Transistors by Including the Correlation Effect", Microwave and Optical Technology Letters, Vol. 28, No. 6, pp. 426-430, 2001.		
3	Nataša Maleš-Ilić, Bratislav Milovanović, Đurađ Budimir: "Improvement in "Second Harmonics" Linearization Technique for Multichannel Amplifiers", Microwave and Optical Technology Letters, Vol.38, No. 2, pp. 150-153, July 2003		
4	Nataša Maleš-Ilić, Bratislav Milovanović, Đurađ Budimir: "Effective linearization technique for amplifiers operating close to saturation", Journal of RF and Microwave Computer-Aided Engineering, Vol. 17, No.2, pp.169-178, 2007.		
5	Aleksandar Atanasković, Nataša Maleš-Ilić, Bratislav Milovanović: "Linearization of power amplifiers by second harmonics and fourth-order nonlinear signals", Microwave and Optical Technology Letters, Vol. 55, No.2, pp. 425-430, 2013 Wiley Periodicals, Inc., A Wiley Company, 2013., ISSN: 0895-2477, Online ISSN: 1098-2760		
6	B. Milovanović, Nataša Maleš-Ilić, Đurađ Budimir "A Multicarrier Amplifier Design Linearized Through Second Harmonics and Second-order IM Feedback" International Journal: Facta universitatis series: electronics and energetics, Vol. 14, no. 2, pp. 243-252, 2001.		
7	Aleksandar Atanasković, Nataša Maleš-Ilić, Bratislav Milovanović: "Linearization of Symmetrical and Asymmetrical Two-Way Doherty Amplifier", FACTA UNIVERSITATIS (NIS), Series: Electronics and Energetics, University of Niš, Serbia, Vol.25, Issue No.2, pp.70-79, 2012, 2012.,ISSN: 0353-3670, Online ISSN: 2217-5997, COBISS.SR-ID 12826626.		
8	Nataša Maleš-Ilić, Aleksandar Atanasković, Bratislav Milovanović: "Harmonic-Controlled Three-Way Doherty Amplifier with Improved Linearity", WSEAS Transaction on Circuits and Systems, WSEAS Press, Vol.8, Issue 9, pp.769-778, September 2009, ISSN:1109-2734, <a href="http://www.worldses.org/journals/circuits/circuits-2009.htm">http://www.worldses.org/journals/circuits/circuits-2009.htm</a> .		
9	Aleksandar Atanasković, Nataša Maleš-Ilić, Bratislav Milovanović: "The Linearization of Doherty Amplifier", Microwave Review, Yugoslav Society for Microwave Technique and Technologies, Vol.14, No.1, pp.25-34, 2008, ISSN:1450-5835, <a href="http://www.mwr.medianis.net">http://www.mwr.medianis.net</a> .		
10	Nataša Maleš-Ilić, B. Milovanović, Đ. Budimir: "Design of Low Intermodulation Amplifiers for Wireless Multichannel Applications", Proceedings of International Conference EUMC'01, pp. 347-351, London, 2001.		
11	Nataša Maleš-Ilić, B. Milovanović, Đ. Budimir: "Amplifiers with Improved IMD Performance for Multi-Channel Wireless Systems", Proc. Int. Conf. European Microwave Conference, September 2002, Milan, Italy.		
12	Nataša Maleš-Ilić, B. Milovanović, Đ. Budimir: "Diminished Sensitivity to Phase Variation in Injected Second Harmonic Linearization Technique for Multichannel Amplifiers", Proc. of Int. Conf. Asia Pacific Microwave Conference, November 2002, Kiotto, Japan.		
13	Nataša Maleš-Ilić, Đ. Budimir, B. Milovanović: "Linearization Technique for Reducing Third- and Fifth-Order Intermodulation Distortion Products in Multichannel Amplifiers" Proc. of International Conference EUMC 03, Munich, Germany, October, 2003.		

14	Nataša Maleš-Ilić, Bratislav Milovanović: "The linearization of multichannel amplifiers connected in cascade", Mediteranean Microwave Symposium-MMS'2006, Genova, Italy, September 18-21, pp.379-382, 2006, <a href="http://www.elettromagnetismo.it/conf/MMS2006/">http://www.elettromagnetismo.it/conf/MMS2006/</a> .		
15	Nataša Maleš-Ilić, Aleksandar Atanasković, Bratislav Milovanović: "High-Efficient Three-Way Doherty Amplifier with Improved Linearity", Recent Advances in Circuits - Proceedings of the 13th WSEAS International Conference on CIRCUITS (part of the 13th WSEAS CSCC Multiconference), Rodos, Greece, July 22-24, WSEAS Press, pp.137-140, 2009, ISSN: 1790-5117, ISBN: 978-960-474-096-3, <a href="http://www.wseas.com">http://www.wseas.com</a> .		
16	Natasa Maleš-Ilić, Aleksandar Atanasković, Bratislav Milovanović: "Linearization of Two-way Doherty Amplifier by Injection of Second and Fourth Order Nonlinear Signals at the Input and Output of the Carrier Cell", Proceedings of the 10th International Conference on Telecommunications in Modern Cable, Satellite and Broadcasting Services - TELSIS 2011, Niš, Serbia, October 5-8, IEEE and Faculty of Electronic Engineering, Vol.1, pp.226-229, 2011, ISBN:978-1-4577-2016-1, <a href="http://ieeexplore.ieee.org">http://ieeexplore.ieee.org</a> .		
17	Natasa Maleš-Ilić, Aleksandar Atanasković, Bratislav Milovanović: "Linearization of Two-way Doherty Amplifier by Injection of Second and Fourth Order Nonlinear Signals at the Input and Output of the Carrier Cell", Proceedings of the 10th International Conference on Telecommunications in Modern Cable, Satellite and Broadcasting Services - TELSIS 2011, Niš, Serbia, October 5-8, IEEE and Faculty of Electronic Engineering, Vol.1, pp.226-229, 2011, ISBN:978-1-4577-2016-1, <a href="http://ieeexplore.ieee.org">http://ieeexplore.ieee.org</a> .		
18	Natasa Maleš-Ilić, Aleksandar Atanasković, Bratislav Milovanović: "Linearization of Three-Stage Doherty Amplifier", Computational Engineering In Systems Applications - Volume II - Proceedings of International Conference on Energy, Environment, Economics, Devices, Systems, Communications, Computers, Iasi, Romania, July 1-3, IAASAT Press, pp.188-193, 2011.		
19	Nataša Maleš-Ilić, Aleksandar Atanasković, Bratislav Milovanović: "Linearization of Doherty amplifier with second harmonics and fourth-order nonlinear signals", International Journal of Communications, NAUN Press, Vol.5, Issue 4, pp.165-174, 2011.		
20	Aleksandar Atanasković, Natasa Maleš-Ilić, Bratislav Milovanović: "Linearization of two-way Doherty amplifier", EuMIC 2011-The 6th European Microwave Integrated Circuits Conference, European Microwave Week 2011 Conference Proceedings on CD, Manchester, UK, October 10-11, EuMA 2011, poster01-17, pp.304-307, 2011, ISBN:978-2-87487-023-1, <a href="http://ieeexplore.ieee.org">http://ieeexplore.ieee.org</a> .		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	34	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	5	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
University of Westminster, London, UK			
<b>Other data considered relevant</b>			
Author of two university textbooks and one workbook. Reviewer of the international journals "IET Circuits, Devices and Systems"			
Member of IEEE (MTT, IM).			
Member of national Society for Microwave Technique, Technologies and Systems.			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Manić Đ. Ivica	
<b>Title</b>		Associate Professor	
<b>Specific scientific field</b>		Microelectronics and Microsystems	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	14. 07. 2011.	Faculty of Electronic Engineering, University of Niš	Microelectronics and Microsystems
PhD	02. 03. 2006.	Faculty of Electronic Engineering, University of Niš	Microelectronics and Microsystems
Diploma	04. 04. 1985.	Faculty of Electronic Engineering, University of Niš	Microelectronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Power Devices and Circuits		
2	Reliability of Electronic Devices and Microsystems		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Aneta Prijic, Danijel Dankovic, Ljubomir Vracar, Ivica Manic, Zoran Prijic, Ninoslav Stojadinovic, "A method for negative bias instability (NBTI) measurements on power VDMOS transistors", Meas. Sci. Techn., Vol. 23, 2012, 085003 (pp. 8)		
2	Ivica Manic, Elena Atanassova, Ninoslav Stojadinovic, Dencho Spassov, Albena Paskaleva, "Hf-doped Ta2O5 stacks under constant voltage stress", Microelectron. Engineering, Vol. 88, 2011, pp. 305-313		
3	Ivica Manic, Danijel Dankovic, Aneta Prijic, Vojkan Davidovic, Snezana Djoric-Veljkovic, Snezana Golubovic, Zoran Prijic, Ninoslav Stojadinovic, "NBTI related degradation and lifetime estimation in p-channel power VDMOSFETs under the static and pulsed NBT stress conditions", Microelectron. Reliab., Vol. 51, 2011, pp. 1540-1543		
4	Snezana Djoric-Veljkovic, Ivica Manic, Vojkan Davidovic, Danijel Dankovic, Snezana Golubovic, Ninoslav Stojadinovic, "Annealing of Radiation-Induced Defects in Burn-in Stressed Power VDMOSFETs", Nuclear Technology & Radiation Protection, Vol. 26, No. 1, 2011, pp. 18-24		
5	Ninoslav Stojadinovic, Danijel Dankovic, Ivica Manic, Aneta Prijic, Vojkan Davidovic, Snezana Djoric-Veljkovic, Snezana Golubovic, Zoran Prijic, "Threshold voltage instabilities in p-channel power VDMOSFETs under pulsed NBT stress", Microelectron. Reliab., Vol. 50, 2010, pp. 1278-1282		
6	Ivica Manic, Danijel Dankovic, Snezana Djoric-Veljkovic, Vojkan Davidovic, Snezana Golubovic, Ninoslav Stojadinovic, "Effects of low gate bias annealing in NBT stressed p-channel power VDMOSFETs", Microelectron. Reliab., Vol. 49, 2009, pp. 1003-1007		
7	Danijel Dankovic, Ivica Manic, Vojkan Davidovic, Snezana Djoric-Veljkovic, Snezana Golubovic, Ninoslav Stojadinovic, "Negative bias temperature instability in n-channel power VDMOSFETs", Microelectron. Reliab., Vol. 48, 2008, pp. 1313-1317		
8	Vojkan Davidovic, Ninoslav Stojadinovic, Danijel Dankovic, Snezana Golubovic, Ivica Manic, Snezana Djoric-Veljkovic, Sima Dimitrijevic, "Turn-Around of Threshold Voltage in Gate Bias Stressed p-Channel Power Vertical Double-Diffused Metal-Oxide-Semiconductor Transistors", Japanese J. Appl. Phys., Vol. 47, 2008, pp. 6272-6276		
9	Ivica Manic, Snezana Djoric-Veljkovic, Vojkan Davidovic, Danijel Dankovic, Snezana Golubovic, Ninoslav Stojadinovic, "Mechanisms of spontaneous recovery in DC gate bias stressed power VDMOSFETs", IET Circuits, Devices & Systems, Vol. 2, 2008, pp. 213-221		
10	Danijel Dankovic, Ivica Manic, Vojkan Davidovic, Snezana Djoric-Veljkovic, Snezana Golubovic, Ninoslav Stojadinovic, "Negative bias temperature instabilities in sequentially stressed and annealed p-channel power VDMOSFETs", Microelectron. Reliab., Vol. 47, 2007, pp. 1400-1405		
11	Danijel Dankovic, Ivica Manic, Snezana Djoric-Veljkovic, Vojkan Davidovic, Snezana Golubovic, Ninoslav Stojadinovic, "NBT stress-induced degradation and lifetime estimation in p-channel power VDMOSFETs", Microelectron. Reliab., Vol. 46, 2006, pp. 1828-1833		
12	Ninoslav Stojadinovic, Danijel Dankovic, Snezana Djoric-Veljkovic, Vojkan Davidovic, Ivica Manic, Snezana Golubovic, "Negative bias temperature instability mechanisms in p-channel power VDMOSFETs", Microelectron. Reliab., Vol. 45, 2005, pp. 1343-1348		
13	Ninoslav Stojadinovic, Ivica Manic, Vojkan Davidovic, Danijel Dankovic, Snezana Djoric-Veljkovic, Snezana Golubovic, Sima Dimitrijevic, "Effects of Electrical Stressing in Power VDMOSFETs", Microelectron. Reliab., Vol. 45, 2005, pp. 115-122		

14	Snežana Djorić-Veljković, Ivica Manić, Vojkan Davidović, Snežana Golubović, Ninoslav Stojadinović, "Effects of Burn-in Stressing on Post-Irradiation Annealing Response of Power VDMOSFETs", Microelectron. Reliab., Vol. 43, 2003, pp. 1455-1460		
15	Ninoslav Stojadinović, Ivica Manić, Snežana Djorić-Veljković, Vojkan Davidović, Snežana Golubović, Sima Dimitrijević, "Effects of High Electric Field and Elevated-Temperature Bias Stressing on Radiation Response in Power VDMOSFETs", Microelectron. Reliab., Vol. 42, 2002, pp. 669-677		
16	Ninoslav Stojadinović, Snežana Djorić-Veljković, Ivica Manić, Vojkan Davidović, Snežana Golubović, "Radiation Hardening of Power VDMOSFETs Using Electrical Stress", Electronics Letters, Vol. 38, 2002, p.431		
17	Ninoslav Stojadinović, Ivica Manić, Snežana Djorić-Veljković, Vojkan Davidović, Snežana Golubović, Sima Dimitrijević, "Mechanisms of Positive Gate Bias Stress Induced Instabilities in Power VDMOSFETs", Microelectron. Reliab., Vol. 41, 2001, pp. 1373-1378		
18	Ivica Manić, Zoran Pavlović, Zoran Prijić, Vojkan Davidović, Ninoslav Stojadinović, "Analytical Modelling of Electrical Characteristics in gamma-Irradiated Power VDMOS Transistors", Microelectron. J., Vol. 32, 2001, pp.485-490		
19	Zoran Pavlović, Ivica Manić, Zoran Prijić, Ninoslav Stojadinović, "Temperature Distribution in the Cells of Low-Voltage Power VDMOS Transistor", Microelectron. J., Vol. 30, 1999, pp.109-113		
20	Ivica Manić, Susumu Horita, Tomonobu Hata, "Preparation of Stoichiometric Bi-Sr-Ca-Cu-O Superconducting Thin Films by RF Diode Sputtering", Microelectron. J., Vol. 24, 1993, pp. 675-687		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	116	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	24	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
1) Kanazawa University, Faculty of Technology, Kanazawa (Japan) 1988-1989 2) Institute of Solid-State Physics, Bulgarian Academy of Science, Sofia (Bulgaria) 2009, 2011, 2012			
<b>Other data considered relevant</b>			
Coauthor of book chapter: Danijel Danković, Ivica Manić, Snežana Djorić-Veljković, Vojkan Davidović, Snežana Golubović, Ninoslav Stojadinović, Implications of Negative Bias Temperature Instability in Power MOS Transistors in "Micro Electronic and Mechanical Systems", edited by Kenichi Takahata, IN-TECH Press, Boca Raton, pp. 19.319-19.342, 2009, ISBN 978-953-307-027-8			
Member of Editorial Advisory Board of Microelectronics Reliability journal (Elsevier, UK) since 2009			



## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Marković V. Vera		
<b>Title</b>	Professor		
<b>Specific scientific field</b>	Telecommunications		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	05.11.2002	University of Niš, Faculty of Electronic Engineering	Telecommunications
PhD	24.04.1992	University of Niš, Faculty of Electronic Engineering	Telecommunications
Diploma	28.06.1980	University of Niš, Faculty of Electronic Engineering	Telecommunications
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Wireless Communications		
2	Advanced Modeling Techniques for RF Applications		
3	Application of Neural Networks in Telecommunications		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	M21 Zlatica Marinković, Giovanni Crupi, Dominique Schreurs, Alina Caddemi, Vera Marković, "Microwave FinFET modeling based on artificial neural networks including lossy silicon substrate", <i>Microelectronic Engineering</i> , vol. 88, no. 10, Elsevier, 2011, pp. 3158-3163, ISSN / ISBN 0167-9317		
2	M22 Zlatica Marinković, Nenad Ivković, Olivera Pronić-Rančić, Vera Marković, Alina Caddemi, "Analysis and Validation of Neural Approach for Extraction of Small-Signal Models of Microwave Transistors," <i>Microelectronics Reliability</i> , Volume 53, Issue 3, March 2013, Pages 414–419, Elsevier, ISSN: 0026-2714, DOI: dx.doi.org/10.1016/j.microrel.2012.09.003 <a href="http://www.sciencedirect.com/science/article/pii/S0026271412004179">http://www.sciencedirect.com/science/article/pii/S0026271412004179</a>		
3	M22 Zlatica Marinković, Vera Marković, "Temperature Dependent Models of Low-Noise Microwave Transistors Based on Neural Networks", <i>International Journal for RF and Microwave Computer-Aided Engineering</i> , John Wiley & Sons, 2005, 15(6):567-577.		
4	M22 Olivera Pronić, Gordana Mitić, Jovana Randjelović, Vera Marković, "Procedure for Accurate Noise Modeling of Microwave FETs Against Temperature", <i>Electronics Letters</i> , vol. 40, No. 24, pp. 1551-1553, 2004		
5	M22 Vera Marković, Bratislav Milovanović, Nataša Maleš-Ilić, "Noise Modeling of Dual-Gate MESFET", <i>Electronics Letters</i> , Vol.33, No.9, pp. 820-821, 1997.		
6	M23 Zlatica Marinković, Olivera Pronić-Rančić, Vera Marković, "Small-Signal and Noise Modelling of Class of HEMTs Using Knowledge-Based Artificial Neural Networks," <i>International Journal for RF and Microwave Computer-Aided Engineering</i> , vol. 23, no.1, January 2013, pp. 34-39, John Wiley & Sons, ISSN: 1096-4290, <a href="http://onlinelibrary.wiley.com/doi/10.1002/mmce.20631/abstract">http://onlinelibrary.wiley.com/doi/10.1002/mmce.20631/abstract</a> , DOI: 10.1002/mmce.20631		
7	M23 Marija Agatonović, Zlatica Marinković, Vera Marković, "Application of ANNs in Evaluation of Microwave Pyramidal Absorber Performance," <i>Applied Computational Electromagnetics Society Journal</i> , vol. 27, no. 4, April 2012, pp. 326-333, Applied Computational Electromagnetics Society, Inc., ISSN: 1054-4887		
8	M23 Zlatica Marinković, Giovanni Crupi, Dominique Schreurs, Alina Caddemi, Vera Marković, "Multi-Bias Neural Modeling of FinFET Admittance Parameters," <i>Microwave and Optical Technology Letters</i> , vol. 54, no. 9, September 2012, pp. 2082-2088, John Wiley & Sons, ISSN: 0895-2477, DOI: 10.1002/mop.27020		
9	M23 Olivera Pronić-Rancic, Zlatica Marinkovic, Vera Markovic, "Bias dependant noise wave modelling procedure of microwave FETs," <i>Journal of Electrical Engineering</i> , vol. 63, no. 2, March - April 2012, pp. 119–123 ISSN 1335-3632 DOI: 10.2478/v10187-012-0018-6		
10	M23 Zlatica D. Marinković, Olivera R. Pronić, Vera V. Marković, "Bias Dependent Hybrid PKI Empirical - Neural Model of Microwave FETs", <i>International Journal of Electronics</i> , vol. 98, no. 10, Taylor & Francis Ltd., 2011, pp. 1399-1409, ISSN / ISBN 0020-7217		
11	M23 Zlatica Marinković, Giovanni Crupi, Alina Caddemi, Vera Marković, "Comparison Between Analytical and Neural Approaches for Multibias Small Signal Modeling of Microwave Scaled FETs", <i>Microwave and Optical Technology Letters</i> , Vol. 52, No. 10, , October 2010, pp. 2238-2244, John Wiley & Sons, ISSN: 0895-2477, DOI: 10.1002/mop.25432		

12	M23 Zlatica D. Marinković, Olivera R. Pronić-Rančić, Vera V. Marković, "ANN Applications in Improved Noise Wave Modeling of Microwave FETs", Microwave and Optical Technology Letters, John Wiley & Sons, 2008, 50(10): 2512-2516, ISSN 0895-2477		
13	M23 Vera Marković, Sheila Prasad, Aleksandar Stošić, "Noise Modeling of HBTs Using Neural Network Approach", Microwave and Optical Technology Letters, John Wiley & Sons, 2007; 49(4):852-854, ISSN 0895-2477		
14	M23 Zlatica D. Marinković, Olivera R. Pronić, Jovana B. Randjelović, Vera V. Marković, "Artificial Neural Networks for Temperature Dependent Noise Modelling of Microwave Transistors", International Journal of Electronics, Taylor & Francis Ltd., 2007; 94(8): 759 – 767, ISSN 1362-3060.		
15	M23 Zlatica Marinković, Olivera Pronić, Vera Marković "Bias-dependent scalable modeling of microwave FETs based on artificial neural networks", Microwave and Optical Technology Letters, John Wiley & Sons, 2006, 48(10):1932-1936, ISSN 0895-2477		
16	M23 Vera Marković, Zlatica Marinković, "HEMT Noise Neural Model Based on Bias Conditions", COMPEL (The International Journal for Computation and Mathematics in Electrical and Electronic Engineering), Vol. 23 No. 2, pp. 426-435, 2004.		
17	M23 Vera Marković, Olivera Pronić, Zlatica Marinković: "Noise Wave Modeling of Microwave Transistors Based on Neural Networks", Microwave and Optical Technology Letters, Vol. 41, Issue 4, pp. 294-297, 2004.		
18	M23 Olivera Pronić, Vera Marković: "A Wave Approach to Signal and Noise Modeling of Dual-Gate MESFET", International Journal of Electronics and Communications - AEÜ (Archiv für Elektronik und Übertragungstechnik), Vol.56, No.1, pp.61-64, January 2002.		
19	M23 Olivera Pronić, Vera Marković, Bratislav Milovanović, "Numerically Efficient Green's Function for Planar Structures on Multilayered Dielectric in Cylindrical Enclosure", COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, Vol. 20, Issue 4, pp.1055-1064, 2001		
20	M23 Olivera Pronić, Vera Marković, Nataša Maleš-Ilić, "The Wave Approach to Noise Modeling of Microwave Transistors by Including the Correlation Effect", Microwave and Optical Technology Letters, John Wiley & Sons, Inc., Vol.28, Issue 6, pp.426-430, March 20, 2001.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	170	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	25	Number of international projects at which the lecturer currently participates	4
<b>Specializations</b>			
<b>Study visits:</b> 1989 University of Bochum, Germany, 2002 University of Hannover, Germany, 2006 University of Ulm, Germany, 2007 Westminster University, London, UK.			
<b>Other data considered relevant</b>			
Vice-Chair of the Executive Committee of the international professional association IEEE (S&M section).			
Coordinated or participated in management of a number of projects funded by European Commission (Tempus and Erasmus Mundus programs) as well as by WUS Austria (CDP+, MSDP and Brain Gain programs). Coordinator of the Erasmus Mundus program at the University of Nis (current position).			
Reviewer of several international journals ("IEE Proceedings on Circuits, Devices and Systems", "Microelectronics Reliability", "IET Circuits, Devices & Systems", "International Journal of Microwave and Optical Technology") and of a lot of international and national conferences.			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Kovačević A. Milan		
<b>Title</b>	full professor		
<b>Specific scientific field</b>	mathematics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	13.01.2004	Faculty of Electronic Engineering	mathematics
PhD	31.01.1987	Faculty of Electronic Engineering	mathematics
Diploma	30.06.1977	Faculty of Electronic Engineering	electrotechnics

### List of courses the lecturer holds at study programs of doctoral studies

Number	The name of the course
1	Numerical and symbolic mathematics
2	
3	
4	
5	

### The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)

1	W.Gautschi, M.A.Kovačević and G.V.Milovanović: The numerical evaluation of singular integrals with coth-kernel. BIT 27 (1987), 389-402.
2	I.Ž.Milovanović, M.A.Kovačević, S.D.Cvejić: O nektoryh preobrazovanijah rjadov. Matematika 4 (1988), 82-84.
3	I.Ž.Milovanović, M.A.Kovačević, S.D. Cvejić, J. Klippert: A modification of the Euler-Abel transform for convergent series. Journal of Natural Sciences and Mathematics, Vol. 29, No. 1 (1989), 1-9.
4	I.Ž.Milovanović, M.A.Kovačević, Gh. Toader: Properties of bounded convex sequences. Math. Rev. Anal. Numer. Theor. Approx. 19(1) (1990), 53-58.
5	M.A.Kovačević, I.Ž.Milovanović: On a generalization of the Enestrom-Keakeya theorem. Pure Mathematics and Applications, Ser. A, 3(1-2) (1992), 43-47.
6	G.V.Milovanović, M.A.Kovačević: Moment-preserving spline approximation and quadratures. Facta Univ. Ser. Math. Inform. 7 (1992), 85-98.
7	I.Ž.Milovanović, M.A.Kovačević: An extremal problem for algebraic polynomial. Tamkang Journal of Mathematics 24(2) (1993), 203-208.
8	I.Ž.Milovanović, M.A.Kovačević, M.K.Stojčev, E.I.Milovanović: A direct method for BBD matrices inversion. Cybern. Syst. Anal. 30(2) (1994), 200-212 (in english); translation from Kibern. Sist. Anal. 2 (1994), 51-64 (in Russian).
9	M.A. Kovačević, G.V. Milovanović: Spline approximations and generalized Turan quadratures. Portugaliae Mathematica 53(3) (1996), 356-366.
10	M.A. Kovačević: Construction of generalized Gauss-Turan quadrature rules for systems of arbitrary functions. Computers and Mathematics with Applications 40 (2000), 895-909.
11	M.A. Kovačević: A simple algorithm for the construction of Lagrange and Hermite interpolating polynomial in two variables. Facta Univ. Ser. Math. Inform. 22(2) (2007), 165 -174.
12	
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20	

### Cumulative data of the scientific activity of the lecturer

Total number of citations	23	Number of domestic projects at which the lecturer currently participates	
Total number of papers at the SCI (SSCI) list	11	Number of international projects at which the lecturer currently participates	

### Specializations

### Other data considered relevant

Member JUPIM-a (Jugoslavav society of applied and industrial mathematics).

Reviewer in „Zentralblatt fur Mathematik“.

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>				Milić N. Dejan
<b>Title</b>				Associate Professor
<b>Specific scientific field</b>				Telecommunications
<b>Academic career</b>				
	<b>Date</b>	<b>Institution</b>		<b>Field</b>
Election	14.07.2011	University of Niš, Faculty of Electronic Engineering		Telecommunications
PhD	21.10.2005	University of Niš, Faculty of Electronic Engineering		Telecommunications
Diploma	15.01.1997	University of Niš, Faculty of Electronic Engineering		Electronics and Telecommunications
<b>List of courses the lecturer holds at study programs of doctoral studies</b>				
<b>Number</b>	<b>The name of the course</b>			
1	Coherent optical telecommunications systems			
2	Free-space optical telecommunications			
3				
4				
5				
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>				
1	M. Stefanović, <b>D. Milić</b> , "An Approximation of Filtered Signal Envelope with Phase Noise", IEEE Journal of Lightwave Technology, vol. 19, pp. 1685-1690, Nov. 2001. ISSN: 0733-8724			
2	M. Stefanović, <b>D. Milić</b> , N. Stojanović, "Evaluation of Optimal Bandwidth in Optical FSK System Influenced by Laser Phase Noise", IEEE Journal of Lightwave Technology, vol. 16, pp 772-777, May 1998. ISSN: 0733-8724			
3	<b>Dejan N. Milić</b> , Goran T. Đorđević, „Bit Error Rate Performance of Partially Coherent Dual-Branch SSC Receiver over Composite Fading Channels“, Frequenz, vol. 67, no. 1-2, pp. 51–57, January 2013, ISSN 0016-1136			
4	Z. Perić, <b>D. Milić</b> , A. Mosić, S. Panić, “Performance analysis of $\mu$ -law companding for Laplacian source with transmission over Rayleigh fading channel”, Electronics And Electrical Engineering, vol. 115, no. 9, pp. 16-20, November 2010. ISSN: 1392 – 1215			
5	Goran T. Đorđević, <b>Dejan N. Milić</b> , Aleksandra M. Cvetković, Mihajlo Č. Stefanović, "Influence of Imperfect Cophasing on Performance of EGC Receiver of BPSK and QPSK Signals Transmitted over Weibull Fading Channel", European Transactions on Telecommunications, Vol. 22, Issue 6, pp. 268-275, October 2011, John Wiley & Sons, Ltd, ISSN: 1124-318X			
6	Anjan Biswas, Daniela Milovic, <b>Dejan Milić</b> , “Solitons in Alpha-Helix Proteins by He's Variational Principle”, International Journal of Biomathematics, vol. 4, no. 4, pp. 423-430, December 2011. ISSN: 1793-5245			
7	Aleksandra D. Cvetković, Mihajlo Stefanović, Nikola Sekulović, <b>Dejan Milić</b> , Dušan Stefanović, Zoran Popović, Second-order statistics of dual SC macrodiversity system over channels affected by Nakagami-m fading and correlated gamma shadowing, Electrical Review, vol. 87, no. 6, pp. 284-288, Jun. 2011, ISSN 0033-2097			
8	I. Petrović, M. Stefanović, J. Anastasov, S. Panić, G. Đorđević, <b>D. Milić</b> , “Outage probability of SSC receivers in correlated Rayleigh fading channel with multiple cochannel interferers”, Electronics And Electrical Engineering, no. 10, pp 67-71, Dec. 2010. ISSN: 1392 – 1215			
9	D. Stefanović, B. Nikolić, <b>D. Milić</b> , M. Stefanović, N. Sekulović, “Post Detection Microdiversity and Dual Macrodiversity in Shadowed Fading Channels”, Electronics And Electrical Engineering, vol. 117, no. 1, pp. 85-88, January 2012. ISSN: 1392 – 1215			
10	Aleksandra M. Cvetkovic, Jelena Anastasov, Stefan Panic, Mihajlo Stefanovic, <b>Dejan Milić</b> : Performance of dual-hop relaying over shadowed Ricean fading channels, Journal of Electrical Engineering, Vol. 62, No. 4, pp.244-248, August 2011, ISSN: 1335-3632			
11	Bojana Nikolić, Goran Đorđević, <b>Dejan Milić</b> , Nenad Milošević, “Performance of SC receiver over generalized K fading channel in the presence of imperfect reference signal recovery”, Electronics And Electrical Engineering, vol. 115, no. 9, pp. 41-46, November 2010. ISSN: 1392 – 1215			
12	Branimir Jaksic, Hana Stefanovic, <b>Dejan Milić</b> , Ljubica Spalevic, Zoran Trajcevski, Milos Peric, “Relative measurement error analysis in the Weibull fading parameter estimation”, Technics Technologies Education Management, vol. 7, no. 4, pp. 1462-1467, November 2012. ISSN: 1840-1503			
13	M. Stefanović, <b>D. Milić</b> , D. Pavlović, “The Moments Approach for Performance Analysis of Optical FSK Systems Influenced by Phase Noise and Interchannel Interference”, Journal of Optical Communications, vol. 27, no. 3, pp 188-192, Jun. 2006. ISSN: 0173-4911			

14	D. Milić, M. Stefanović, "Performance Evaluation of Optical CPFSK Systems Influenced by Laser Phase Noise ", Journal of Optical Communications, vol. 23, no. 2, pp. 72-76, Mar. 2002. ISSN: 0173-4911		
15	M. Stefanović, D. Milić, "Comparison of Certain Methods for Performance Evaluation of Coherent Optical FSK Systems ", Journal of Optical Communications, vol. 20, no. 5, pp 183-187, Oct. 1999. ISSN: 0173-4911		
16	Dejan Milić, Explicit Method for Numerical Solution of Fokker-Plank equation of Filtered Phase Noise, Approximation and Computation, Series: Springer Optimization and Its Applications, Vol. 42, W. Gautschi, G. Mastroianni, T. M. Rassias (Eds.), 1st Edition., 2010, XXII, 484 p, Hardcover, ISBN: 978-1-4419-6593-6		
17			
18			
19			
20			
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	6	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	13	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Milovanović D. Bratislav		
<b>Title</b>	Professor		
<b>Specific scientific field</b>	Telecommunications		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	1990	University of Niš, Faculty of Electronic Engineering	Telecommunications
PhD	1979	University of Niš, Faculty of Electronic Engineering	Telecommunications
Diploma	1972	University of Niš, Faculty of Electronic Engineering	Telecommunications
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Antennas and propagation		
2	Modelling and design of microwave devices and systems		
3	Electromagnetic compatibility and signal integrity		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	B. Milovanović, "Thin-Wire Antenna in the Presence of a Perfectly Conducting Sphere", Archiv fur Elektrotechnik, Voj.62, pp.317-319, 1980.		
2	B. Milovanović, "Numerical Analysis of Radial Thin-Wire Antenna in Presence of Conducting Sphere", Electronics Letters, No.15, Voj.16, pp.611-612, 1980		
3	B. Milovanović, V. Stanković, S. Đorđević, "Determining Mixer Diode Position of Microwave Doppler With Sense Module", Electronics Letters, Vol. 27, No.13, pp.1163-1164, 1991.		
4	M. Mladenović, A. Marinčić, B. Milovanović, "Calculation of Resonances of Microwave Resonator Loaded With Inhomogeneous Dielectric Layer", Electronic Letters, Vol.27, pp.2215-2216, 1991.		
5	V.Stanković, B.Milovanović, M.Gmitrović, "Designing the Mixer Section in a Waveguide Doppler With Sense Module", Electronics Letters, Vol.28, No.16, pp.1518-1519, 1992.		
6	J.Karamarković, N.Janković, B.Milovanović, "Periodical Steady-State Analysis of Minority Carrier Diffusion Including Momentum Relaxation Time", Electronics Letters, Vol.29, No.15, pp.1316-1317, 1993.		
7	V.Marković, B.Milovanović, N.Maleš-Ilić, "Noise Modeling of Dual-Gate MESFET", Electronics Letters, Vol.33, No.9, pp.820-821, 1997.		
8	D.Veličković, B.Milovanović, Ž.Mančić, "New Approach for Equalizing Phase Velocities in Couple Microstrip Lines", Electronics Letters, Vol.33, No.17, pp.1444-1445, 1997.		
9	B. Milovanović, S. Ivković, N. Dončov, D. Đorđević, "The Loading Effect Analysis of the Cylindrical Cavities with Various Cross-Section", Journal of Microwave Power and Electromagnetic Energy, A Publication of the International Microwave Power Institute, VA, USA, Vol.33, No.1, pp.49-56, 1998.		
10	B.Milovanović, S.Ivković, A.Atanasković: "An Approximate Procedure for Resonant Frequency Determination of the Loaded Cylindrical Cavities", Journal of Microwave Power and Electromagnetic Energy, Vol.34, No.3, pp.185-191, 1999		
11	V.Marković, B.Milovanović, O.Pronić, "Determination of Complex Resonant Frequencies in Rectangular and Circular Cylindrical Rooms", Applied Acoustics, Vol.59, No.3, pp.265-274, 2000		
12	N. Maleš-Ilić, B. Milovanović, Dj. Budimir, "Improvement in second harmonics linearization technique for multichannel amplifiers", Microwave and Optical Technology Letters, Vol. 38, No.2, pp. 150-153, 2003.		
13	Z. Stanković, B. Milovanović, "Microwave Loaded Cylindrical Cavity Modeling Using Knowledge Based Neural Networks", Microwave and Optical Technology Letters, Vol. 46, No.6, pp. 585-588, 2005.		
14	J. Joković, B. Milovanović, N. Dončov, "TLM Analysis of Cylindrical Metallic Cavity Excited with a Real Feed Probe", International Journal of RF and Microwave Computer-Aided Engineering, John Wiley & Sons Inc., 2006 Wiley InterScience Periodicals, Volume 6, Issue 4 (July 2006), pp. 346-354, 2006.		
15	J. Joković, B. Milovanović, T. Ranđelović, "TLM Modelling of Microwave Applicators with an Excitation through the Waveguide", Microwave and Optical Technology Letters, John Wiley & Sons, Inc. November 2006, Vol. 48, No.11, pp. 2320-2326		
16	N. Maleš-Ilić, B. Milovanović, Dj. Budimir, "Effective linearization technique for amplifiers operating close to saturation", Journal of RF and Microwave Computer-Aided Engineering, , Vol. 17, No. 2, pp. 169-178, 2007		
17	Z. Stanković, B. Milovanović, N. Dončov, "Hybrid Empirical-Neural of Loaded Microwave Cylindrical Cavity", Progress in Electromagnetics Research, PIER 83, pp. 257 - 277, 2008, ISSN: 1070-4698, E-ISSN: 1559-8985		



18	Z. Stanković, B. Milovanović, N. Dončov, "Neural Model of Microwave Cylindrical Cavity Loaded with Arbitrary Raised Dielectric Slab", International Journal of RF and Microwave Computer-Aided Engineering, John Wiley & Sons Inc., 2009 Wiley InterScience Periodicals, Volume 19, Issue 3 (2009), pp.317-327, 2009, ISSN: 1096-4290		
19	N. Dončov, B. Milovanović, Z. Stanković, "Extension of Compact TLM Air-vent Model on Rectangular and Hexagonal Apertures", Applied Computational Electromagnetics Society (ACES) Journal		
20	M. Agatonović, Z. Stanković, N. Dončov, L. Sit, B. Milovanović, T. Zwick, "Application of Artificial Neural Networks for Efficient High-Resolution 2D DOA Estimation", Radioengineering Journal, Volume 21, Number 4, December 2012, pp. 1178-1186, <a href="http://www.radioeng.cz">http://www.radioeng.cz</a> , ISSN: 1210-2512		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	160	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	36	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
<b>Other data considered relevant</b>			
Prof. Dr. Bratislav Milovanovic is a member of the Institute of Electrical and Electronics Engineers (IEEE), President of the National Society for Microwave Technique, Technologies and Systems (MTTS), a member of the Serbian Scientific Society, a member of the Academy of Engineering Sciences of Serbia, President of TELSIXS Conference, President / Vice President of the ICEST Conference, President of the Council of RATEL			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Milović M. Daniela	
<b>Title</b>		Associate Professor	
<b>Specific scientific field</b>		Telecommunications	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	06.04.2009.	University of Niš, Faculty of Electronic Engineering	Telecommunications
PhD	29.09.2003.	University of Niš, Faculty of Electronic Engineering	Telecommunications
Diploma	15.11.1995.	University of Niš, Faculty of Electronic Engineering	Telecommunications
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Digital communications over fading channel		
2	Free-space optical telecommunications		
3	Coding theory and cryptography		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Ebadi Ghodrat, Mojaver Aida, Milovic Daniela M, Johnson Stephen, Biswas Anjan, "Solitons and other solutions to the quantum Zakharov-Kuznetsov equation", ASTROPHYSICS AND SPACE SCIENCE, vol. 341, br. 2, str. 507-513, 2012, (M22).		
2	Al Bastami Anas, Belic Milivoj R, Milovic Daniela M, Petrovic Nikola Z, "Analytical chirped solutions to the (3+1)-dimensional Gross-Pitaevskii equation for various diffraction and potential functions", PHYSICAL REVIEW E, vol. 84, br. 1, 2011. (M21)		
3	Triki Houria, Milovic Daniela M, Hayat T, Aldossary Omar M, Biswas Anjan, "Topological Soliton Solutions of (2+1)-dimensional KdV Equation with Power Law Nonlinearity and Time-dependent Coefficients", INTERNATIONAL JOURNAL OF NONLINEAR SCIENCES AND NUMERICAL SIMULATION, vol. 12, br. 1-8, str. 35-43, 2011, (M21)		
4	Biswas Anjan, Milovic Daniela M, Zerrad Essaid, "An exact solution for electromagnetic solitons in relativistic plasmas", PHYSICA SCRIPTA, vol. 81, br. 2, 2011, (M22)		
5	Biswas Anjan, Milovic Daniela M "Optical solitons with log-law nonlinearity", COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, vol. 15, br. 12, str. 3763-3767, 2010, (M21).		
6	Biswas Anjan, Milovic Daniela M, "Bright and dark solitons of the generalized nonlinear Schrodinger's equation", COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, vol. 15, br. 6, str. 1473-1484, 2010, (M21).		
7	Biswas Anjan, Petkovic Marko D, Milovic Daniela M, "Topological and non-topological exact soliton solution of the power law KdV equation", COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, vol. 15, br. 11, str. 3263-3269, 2010.(M21)		
8	Green Patrice, Milovic Daniela M, Lott Dawn A, Biswas Anjan "Optical Solitons with Higher Order Dispersion by Semi-inverse Variational Principle", PROGRESS IN ELECTROMAGNETICS RESEARCH-PIER, vol. 102, br. , str. 337-350, 2010, (M21).		
9	Kohl Russell, Milovic Daniela M, Zerrad Essaid, Biswas Anjan, "Perturbation of super-Gaussian optic solitons in dispersion-managed fibers", MATHEMATICAL AND COMPUTER MODELLING, vol. 49, br. 7-8, str. 1700-1709, 2009, (M21).		
10	Biswas Anjan, Milovic Daniela M, "Travelling wave solutions of the non-linear Schrodinger's equation in non-Kerr law media", COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, vol. 14, br. 5, str. 1993-1998, 2009, (M21).		
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<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations		Number of domestic projects at which the lecturer currently participates	2

Total number of papers at the SCI (SSCI) list	50	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<p>Program Aide position at Texas A&amp;M University at Qatar (TAMUQ), February 2013.</p> <p>Postdoctoral research, Participation in project "Nonlinear Photonics for All-optical Telecommunication and Information Technology", Proposal Number: NPRP-25-6-7-2. (2010-2011)</p> <p>Postdoctoral research, Intenational project: AMRC grant (6801). Delaware State University, USA. (2008.), Financed by NSF, USA</p>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Petković S Miodrag	
<b>Title</b>		full professor	
<b>Specific scientific field</b>		Mathematics (numerical and interval mathematics)	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	06.04.1991	Faculty of Electronic Engineering, Niš	Mathematics
PhD	18.09.1980	Faculty of Electronic Engineering, Niš	Mathematics
Diploma	28.09.1972	Faculty of Electronic Engineering, Niš	Electronics and Computer Science
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Interval Mathematics		
2			
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	J. Džunić, M. S. Petković, On generalized multipoint root-solvers with memory, J. Comput. Appl. Math. 236 (2012) 2909-2920		
2	J. Džunic, M. S. Petković, A cubically convergent Steffensen-like method for solving nonlinear equations, Appl. Math. Lett. 25 (2012) 1881-1886		
3	M. S. Petković, L. Rančić, M. Milošević, On the improved Farmer-Loizou method for finding polynomial zeros, Int. J. Comput. Math. 89 (2012), 499-509		
4	M. S. Petković, M. Milošević, Efficient Halley-like methods for the inclusion of multiple zeros of polynomials, Comput. Methods Appl. Math. 12 (2012), 351-366.		
5	B. I. Yun, M. S. Petković, A quadratically convergent iterative method for nonlinear equations, J. Korean Math. Soc. 48 (2011), 487-497.		
6	M. S. Petković, M. R. Milošević, D. M. Milošević, New higher-order methods for the simultaneous inclusion of polynomial zeros, Numer. Algorithms, 58 (2011), 179-201.		
7	J. Džunić, M. S. Petković, L. D. Petković, A family of optimal three-point methods for solving nonlinear equations using two parametric functions, Appl. Math. Comput. 217 (2011), 7612-7619.		
8	M. S. Petković, M. R. Milošević, D. M. Milošević, Efficient methods for the inclusion of polynomial zeros, Appl. Math. Comput. 217 (2011), 7636-7652.		
9	M. S. Petković, L. Z. Rančić, M. R. Milošević, On the new fourth-order methods for the simultaneous approximation of polynomial zeros, J. Comput. Appl. Math. 235 (2011), 4056-4075.		
10	M. S. Petković, J. Džunić, M. Milošević, Traub's accelerating generator of iterative root finding methods, Appl. Math. Lett. 24 (2011), 1443-1448.		
11	M. S. Petković, J. Džunić, B. Neta, Interpolatory multipoint methods with memory for solving nonlinear equations, Appl. Math. Comput. 218 (2011) 2533-2541.		
12	M. S. Petković, J. Džunić, L. D. Petković, A family of two-point methods with memory for solving nonlinear equations, Appl. Anal. Discrete Math. 5 (2011), 298-317.		
13	M. S. Petković, L. D. Petković, Đ. Herceg, On Schroeder's families of root-finding methods, Journal of Computational and Applied Mathematics 233 (2010), 1755-1762.		
14	R. Thukral, M. S. Petković, Family of three-point methods of optimal order for solving nonlinear equations, Journal of Computational and Applied Mathematics 233 (2010), 2278-2284.		
15	M. S. Petković, On a general class of multipoint root-finding methods of high computational efficiency, SIAM Journal on Numerical Analysis 47 (6) (2010), 4402-4414.		
16	M. S. Petković, L. D. Petković, J. Džunić, Accelerating generators of iterative methods for finding multiple roots of nonlinear equations, Computers and Mathematics with Applications 59 (2010), 2784-2793.		
17	L. D. Petković, L. Z. Rančić, M. S. Petković, An efficient higher order family of root finders, Journal of Computational and Applied Mathematics 216 (2008), 56-72.		
18	M. S. Petković, L. Rančić, L. D. Petković, S. Ilić, Chebyshev-like root finding methods with accelerated convergence, Numerical Linear Algebra with Applications 16 (2009), 971-994.		
19	M. S. Petković, The self-validated method for polynomial zeros of high efficiency, Journal of Computational and Applied Mathematics 233 (2009), 1175-1186.		

20	L. Z. Rančić, M. S. Petković, A note on the improved derivative free root-solvers, Journal of Computational and Applied Mathematics 223 (2009), 535-539.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	700	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	130	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
Fachbereich Mathematik, Universitat Oldenburg (Germany), 1989 (visiting professor),			
<b>Other data considered relevant</b>			
<b>Specialization (continuation)</b> Departement de Mathematique, Universite Strasbourg (France), 1992 (visiting professor)			
Dept. of Computer Science, University of London, 1984. (visiting scientist)			
Columbia University, New York, 1990. (visiting scientist)			
University of Oldenburg (Germany),			
University of Kiel (Germany), 1998.			
Institute of Information Science and Electronics, University of Tsukuba (Japan), 2001, 2003.			(visiting scientist)
University of Technology, Vienna (Austria), 2002.			(visiting scientist)
Humbolt university, Berlin, 2007			(visiting scientist)
Harvard University, Boston			(visiting scientist)
<b>Monographs</b>			
M. S. Petković, Introduction to Interval Mathematics, Naučna knjiga, Beograd, 1989			monograph
M. S. Petković, Iterative Methods for Simultaneous Inclusion of Polynomial Zeros, Springer-Verlag			monograph
M. S. Petković, Đ. Herceg, S. M. Ilić, Point Estimation Theory and its Applications, Institute of Mathematics, Novi Sad 1997.			monograph
M. S. Petković, Lj. D. Petković, Complex Interval Arithmetic and its Applications, Wiley-VCH, Berlin-Weinhein-New York 1998.			monograph
M. Petković, Point Estimation of Root Finding Methods, Springer-Verlag, Berlin-Heidelberg 2008.			monograph
M. S. Petković, L. D. Rančić, D. M. Milošević, Numeričko rešavanje nelinearnih jednačina, Elektro			monograph
M. S. Petković, B. Neta, L. D. Petković, J. Džunić, Multipoint Methods for Solving Nonlinear Equations, Elsevier/Academic Press, Amsterdam-Boston-Heidelberg-London-New York, 2012.			monograph
<b>Editorial work in scientific journals</b>			
J. Computational and Applied Mathematics (Elsevier)			Associate Editor
Applied Mathematics and Computations (Elsevier)			Associate Editor
Applicable Analysis and Discrete Mathematics			member of Editorial Board
Reliable Computing			member of Editorial Board
Journal of Applied Mathematics			member of Editorial Board
Journal of Mathematics and Computing System			member of Editorial Board
Applicable Analysis and Discrete Mathematics			member of Editorial Board
Journal of Complex Analysis			member of Editorial Board
Mathematical Aeterna,			member of Editorial Board
Novi Sad Journal of Mathematics			member of Editorial Board

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Mitić Vojislav V.		
<b>Title</b>	Professor		
<b>Specific scientific field</b>	Materials Science, Ceramic Materials, Electronic Materials		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	11.09.2006	Faculty of Electronic Engineering, University of Niš	Materials Science, Electronic Materials
PhD	24.03.1995	Faculty of Electronic Engineering, University of Niš	Materials Science, Electronic Materials
Diploma	30.12.1982	Faculty of Electronic Engineering, University of Niš	Materials Science
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Materials Sciences		
2	Advanced Electronic and Ceramic Materials and Structures		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Mitic, V. V. and I. Mitrovic. 2001. "The Influence of Nb <sub>2</sub> O <sub>5</sub> on BaTiO <sub>3</sub> Ceramics Dielectric Properties." Journal of the European Ceramic Society 21 (15): 2693-2696. <a href="http://dx.doi.org/10.1016/S0955-2219(01)00347-8">http://dx.doi.org/10.1016/S0955-2219(01)00347-8</a>		
2	Mitrovic, I. and V. V. Mitic. 2001. "BaTiO <sub>3</sub> -Ceramics Electrical Model Based on Intergranular Contacts." Journal of the European Ceramic Society 21 (15): 2771-2775. <a href="http://dx.doi.org/10.1016/S0955-2219(01)00361-2">http://dx.doi.org/10.1016/S0955-2219(01)00361-2</a>		
3	Stojanovic, B. D., A. Z. Simoes, C. O. Paiva-Santos, C. Jovalekic, V. V. Mitic, and J. A. Varela. 2005. "Mechanochemical Synthesis of Barium Titanate." Journal of the European Ceramic Society 25: 1985-1989. <a href="http://dx.doi.org/10.1016/j.jeurceramsoc.2005.03.003">http://dx.doi.org/10.1016/j.jeurceramsoc.2005.03.003</a>		
4	Stojanovic, B. D., V. Mitic, V. Pejovic, M. M. Vijatovic, and M. A. Zaghete. 2007. "Screen Printed PLZT Thick Films Prepared from Nanopowders." Journal of the European Ceramic Society 27 (13-15): 4359-4362. <a href="http://dx.doi.org/10.1016/j.jeurceramsoc.2007.02.170">http://dx.doi.org/10.1016/j.jeurceramsoc.2007.02.170</a>		
5	Mitic, V. V., Z. S. Nikolic, V. B. Pavlovic, V. Paunovic, M. Miljkovic, B. Jordovic, and L. Zivkovic. 2010. "Influence of Rare-Earth Dopants on Barium Titanate Ceramics Microstructure and Corresponding Electrical Properties." Journal of the American Ceramic Society 93 (1): 132-137. <a href="http://dx.doi.org/10.1111/j.1551-2916.2009.03309.x">http://dx.doi.org/10.1111/j.1551-2916.2009.03309.x</a>		
6	Obradović, N., S. Filipović, V. Pavlović, M. Mitrić, S. Marković, V. Mitić, N. Orević, and M. M. Ristić. 2011. "Isothermal Sintering of Barium-Zinc-Titanate Ceramics." Ceramics International 37 (1): 21-27. <a href="http://dx.doi.org/10.1016/j.ceramint.2010.07.001">http://dx.doi.org/10.1016/j.ceramint.2010.07.001</a>		
7	Purenović, J., V. V. Mitić, V. Paunović, and M. Purenović. 2011. "Microstructure Characterization of Porous Microalloyed Aluminium-Silicate Ceramics." Journal of Mining and Metallurgy, Section B: Metallurgy 47 (2): 157-169. <a href="http://dx.doi.org/10.2298/JMMB110331011P">http://dx.doi.org/10.2298/JMMB110331011P</a>		
8	Pavlović, V. P., J. Krstić, M. J. Šćepanović, J. Dojčilović, D. M. Minić, J. Blanuša, S. Stevanović, V. Mitić, and V. B. Pavlović. 2011. "Structural Investigation of Mechanically Activated Nanocrystalline BaTiO <sub>3</sub> Powders." Ceramics International 37 (7): 2513-2518. <a href="http://dx.doi.org/10.1016/j.ceramint.2011.03.064">http://dx.doi.org/10.1016/j.ceramint.2011.03.064</a>		
9	Mitic, V. V., V. Paunovic, J. Purenovic, S. Jankovic, L. Kocic, I. Antolovic, and D. Rancic. 2012. "The Contribution of Fractal Nature to BaTiO <sub>3</sub> -Ceramics Microstructure Analysis." Ceramics International 38 (2): 1295-1301. <a href="http://dx.doi.org/10.1016/j.ceramint.2011.09.003">http://dx.doi.org/10.1016/j.ceramint.2011.09.003</a>		
10	Mitic, VV, LM Kocic, M Miljkovic, and I Petkovic. 1998. "Fractals and BaTiO <sub>3</sub> -ceramic Microstructure Analysis." Mikrochimica Acta (15): 365-369.		
11	Mitic, V., V. B. Pavlovic, L. Kocic, V. Paunovic, and D. Mancic. 2009. "Application of the Intergranular Impedance Model in Correlating Microstructure and Electrical Properties of Doped BaTiO <sub>3</sub> ." Science of Sintering 41 (3): 247-256. <a href="http://dx.doi.org/10.2298/SOS0903247M">http://dx.doi.org/10.2298/SOS0903247M</a>		
12	Paunovic, Vesna, and Lj. Zivkovic. 2010. "Influence of Rare-earth Additives (La, Sm and Dy) on the Microstructure and Dielectric Properties of Doped BaTiO <sub>3</sub> Ceramics." Science of Sintering 42 (1): 69-79. <a href="http://dx.doi.org/10.2298/SOS1001069P">http://dx.doi.org/10.2298/SOS1001069P</a>		
13	Purenović, J., V. V. Mitić, L. Kocić, V. B. Pavlović, V. Paunović, and M. Purenović. 2011. "Electrical Properties and Microstructure Fractal Analysis of Magnesium-Modified Aluminium-Silicate Ceramics." Science of Sintering 43 (2): 193-204. <a href="http://dx.doi.org/10.2298/SOS1102193P">http://dx.doi.org/10.2298/SOS1102193P</a>		



14	Mitic, V.V., V. Paunovic, V. Pavlovic, and Lj. Zivkovic. 2011. "Sintering Process Influence on Microstructure and Intergranular Impedance of Rare-earth Modified BaTiO <sub>3</sub> -ceramics." Science of Sintering 43 (3): 277–287. <a href="http://dx.doi.org/10.2298/SOS1103277M">http://dx.doi.org/10.2298/SOS1103277M</a>
15	Mitic, V.V., Paunovic, V., Purenovic, J., Kocic, L.J., Pavlovic, V., 2012. Processing parameter influence on BaTiO <sub>3</sub> ceramic fractal microstructure and dielectric characteristics. Advances in Applied Ceramics 111, 360–366. <a href="http://dx.doi.org/10.1179/1743676112Y.0000000026">http://dx.doi.org/10.1179/1743676112Y.0000000026</a>
16	Kocic, Ljubisa M., Vojislav V. Mitic, and Momcilo M. Ristic. 1998. "Stereological Models Simulation of BaTiO <sub>3</sub> Ceramics Grains." Journal of Materials Synthesis and Processing 6 (5): 339–344. doi:10.1023/A:1022655311641. <a href="http://dx.doi.org/10.1023/A:1022655311641">http://dx.doi.org/10.1023/A:1022655311641</a>
17	V. V. Mitić, Lj. M. Kocić, I. Mitrović, "A Model for Calculating Contact Surfaces of BaTiO <sub>3</sub> -Ceramics", Science of Sintering, Vol. 30 (1), pp. 97-104, 1998.
18	V. V. Mitić, Z. S. Nikolić, I. Petković, "Electrical Properties of BaTiO <sub>3</sub> -Ceramics and the Structure of the Grain Boundary Region", Science of Sintering, Spec. Iss, Vol. 30, pp. 45-52, 1998.
19	V.V. Mitić, I. Mitrović, D. Mančić, "The Effect of CaZrO <sub>3</sub> Additive on Properties of BaTiO <sub>3</sub> -Ceramics", Science of Sintering, Vol. 32 (3), pp. 141-147, 2000.
20	V.V.Mitic, V.Paunovic, V.Pavlovic, "Microstructure and Dielectric Properties of Rare-Earth Doped BaTiO <sub>3</sub> Ceramics", Ferroelectrics, 2012.

#### Cumulative data of the scientific activity of the lecturer

Total number of citations	105	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	25	Number of international projects at which the lecturer currently participates	1

#### Specializations

International Society for Stereology, 1995; Royal Microscopic Society, UK

#### Other data considered relevant

Research Professor at the Institute of Technical Sciences of SASA

Member of: World Academy of Ceramics (WAC), International Ceramic Federation (IFC), International Society for Stereology, American Ceramic Society (Electronic Ceramics Division, Basic Science Division, National, Institute of Ceramic Engineering - NICE), European Microbial Analysis Society (EMAS), Royal Microscopic Society (UK), Material Research Society of Japan and IEEE, Australasian Ceramic Society, Electrotechnical and Electronics Engineering Society of Serbia (ETRAN)

President of the Serbian Ceramic Society

Consolidation and Privatization, project for EI Corporation, 2001-2006, World Bank donation

EBRD Project for Consolidation and privatization for a group of factories of the Ei Corporation, 2003-2006, London.

Special training in Transition crisis and management, Wien, at the OEBS Institute, organized by EBRD in September, 2001.

Annual Presidents' Forum, Bled School of Management – IEDC, October 2004

Invited Speaker at Korean Institute of Science and Technology - KIST, 1996

Invited Speaker at Alfred University, New York, USA, 1997

World Round Table in Sintering, Session Chair, Belgrade, 2001

Genessys Symposium, Organized by EU Institutes, Max Plank Institute, Germany, 2004

International Conference Science of Sintering, FITEM, Session Chair, Čačak, 2006

MS&T 2008, Invited Speaker and Session Chair, Pittsburg, PA, USA, 2008

33rd Annual Ceramic Society Meeting, Invited Speaker and Session Chair, Daytona Beach, FL, USA, 2009

PACRIM8, Invited Speaker and Session Chair, Vancouver, Canada, 2009

MS&T 2009, Invited Speaker and Session Chair, Pittsburg, PA, USA, 2009

MS&T 2010, Invited Speaker and Session Chair, USA, 2010

MS&T 2011, Invited Speaker and Session Chair, USA, 2011

CIMTEC 2010, Electroceramics Symposium, Programme Chair

ICC3, Member of International Scientific Advisory Committee, Invited Speaker and Session Chair, Osaka, Japan, 2010

ICC4, Member of International Scientific Advisory Committee, Invited Paper, Chichago, USA 2012.

34th Annual Ceramic Society Meeting, Invited Speaker and Session Chair, Daytona Beach, FL, USA, 2010

35th Annual Ceramic Society Meeting, Invited Speaker and Session Chair, Daytona Beach, FL, USA, 2011

EMA2010, Invited Speaker and Session Chair,

EMA2011, Invited Speaker and Session Chair, Orlando, USA, 2011

EMA2012, Program and Symposium Chair

36th Annual Ceramic Society Meeting, Invited Speaker and Session Chair, Daytona Beach, FL, USA, 2012

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Mitrović N. Nebojša		
<b>Title</b>	Full Professor		
<b>Specific scientific field</b>	Power Engineering		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	29.04.2010	Faculty of Electronic Engineering, Niš	Power Engineering
PhD	17.12.1998	Faculty of Electronic Engineering, Niš	Power Engineering
Diploma	30.04.1987	Faculty of Electrical Engineering, Priština	Power Engineering
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Electrical Drives - Selected Chapters		
2	Electrical Machines and Power Converters for Renewable Energy Sources		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Mitrovic, N , Kostic, V Petronijevic, M, Jeftenic, B.: Practical Implementation of Multi-Motor Drives for Wide Span Gantry Cranes, Iranian Journal of Science And Technology Transaction B-Engineering, vol.34, no.6, pp.649-654, Dec 2010.		
2	Nebojsa Mitrovic, Vojkan Kostic, Milutin Petronijevic, Borislav Jeftenic: Practical Implementation of Load Sharing and Anti Skew Controllers for Wide Span Gantry Crane Drives, Strojniski vestnik – Journal of Mechanical Engineering, Volume 56, Number 3, 2010, pp. 207-216, UDC 621.875.5.		
3	Nebojsa Mitrovic, Vojkan Kostic, Milutin Petronijevic, Borislav Jeftenic: Multi-Motor Drives for Crane Application, Advances in Electrical and Computer Engineering, ISSN 1582-7445, e-ISSN 1844-7600, Volume 9, Number 3, 2009, pp. 57-62, doi: 10.4316/AECE.2009.03011.		
4	Petronijevic, M.; Veselic, B.; Mitrovic, N.; Kostic, V.; Jeftenic, B.: Comparative study of unsymmetrical voltage sag effects on adjustable speed induction motor drives, Electric Power Applications, IET , vol.5, no.5, pp.432-442, May 2011.		
5	B.I. Jeftenić, M.Z. Bebić, N.N. Mitrović, "A Simple Speed Sensorless Control For Variable Frequency Induction Motor Drives", IEEE Transactions on Energy Conversion, Vol. 14, No. 3, Sept. 1999, pp.500-505.		
6	M. Petronijevic, N. Mitrovic, and V. Kostic: Voltage Sag Effects on High Performance Electric Drives, Electronics, Vol. 13, No. 2, December 2009, ISSN 1450-5843, pp. 20-24.		
7	Milutin Petronijevic, Nebojsa Mitrovic, Vojkan Kostic, and Borislav Jeftenic: Assessment of Unsymmetrical Voltage Sag Effects on AC Adjustable Speed Drives, Facta Universitatis, Series: Electronics and Energetics, Vol. 22, No. 3, December 2009, pp. 341-360.		
8	Nebojša N. Mitrović, Vojkan Z. Kostić, Milutin P. Petronijević, Borislav I. Jeftenić, "Implementacija algoritama za upravljanje momentom i fluksom asinhronih motora", Univerzitet u Nišu, Elektronski fakultet, edicija: Monografije, ISBN 978-86-85195-74-7, 2009, Niš.		
9	Nebojsa Mitrovic, Milutin Petronijevic, Vojkan Kostic and Borislav Jeftenic, Electrical Drives for Crane Application, Mechanical Engineering, Murat Gokcek (Ed.), ISBN: 978-953-51-0505-3, 2012, InTech, Available from: <a href="http://www.intechopen.com/books/mechanical-engineering/electrical-drives-for-crane-application">http://www.intechopen.com/books/mechanical-engineering/electrical-drives-for-crane-application</a>		
10	Petronijevic M.P., Jeftenic B.I., Mitrovic N.M., Kostic V.Z., "Voltage Sag Drop in Speed Minimization in Modern Adjustable Speed Drives", IEEE International Symposium on Industrial Electronics, ISIE 2005, June 20-23, 2005, Dubrovnik, Croatia, Proceedings of the IEEE International Symposium on Industrial Electronics, Volume 3, pp. 929- 934		
11	Vojkan Kostic, Milutin Petronijevic, Nebojsa Mitrovic, Bojan Bankovic , "Experimental Verification of Direct Torque Control Methods for Electric Drive Application", Facta Universitatis - Automatic Control and Robotics, Vol. 8, No 1, 2009, YU ISSN 1820-6417, pp. 111 – 126.		
12	Vojkan Kostic, Nebojsa Mitrovic, Milutin Petronijevic and Milan Bebic, "Start up Current in Direct Torque Controlled Induction Motor Drives", Scientific Bulletin of "Politehnica" University of Timisoara, Romania, Transactions on Automatic Control and Computer Science, Vol. 51, No.4, 2006, ISSN 1224-600X, pp.5-10.		
13	Nebojsa Mitrovic, Vojkan Kostic, Milutin Petronijevic and Borislav Jeftenic, "Simulation of Direct Torque Control Schemes for Electric Drive Application, Part I", Scientific Bulletin of "Politehnica" University of Timisoara, Transactions on Automatic Control and Computer Science, Vol. 49(63), No. 1, 2004, ISSN 1224-600X, pp. 83-86.		

14	Nebojsa Mitrovic, Milutin Petronijevic and Vojkan Kostic, "Slip Frequency and Voltage Drop Compensation in Speed Sensorless PWM Induction Motor Drives", Periodica Politechnica, Transactions on Automatic Control and Computer Science, Vol. 47(61), No. 1, 2002, ISSN 1224-600X, Timisoara, Romania, pp. 24-27.		
15	N.N. Mitrovic, B. I. Jeftenic, M.Z. Bebic, M. P. Petronijevic, D. Jevtic "Control of AC Drives Without Speed Sensors by Frequency Compensation", Electronics, Vol.4, No.1, November 2000, pp.26-51.		
16	N. Mitrovic, B. Jeftenic, M. Petronijevic, "Double Fed Induction Motor Speed Control with Standard PWM Inverter in Stator", Facta Universitatis, series Electronics and Energetics, vol. 10, No. 1, 1997, pp. 125-138.		
17	B. I. Jeftenic, V. Vasic, Đ. Oros, N. Mitrovic, Milutin Petronijevic, Sasa Statkic, M. Bebic, "Elektromotorni pogoni - Zbirka zadataka", Akademska misao, 2003, Belgrade.		
18	N. Mitrovic, B. Jeftenic, M. Petronijevic, V. Kostic, "Elektromotorni pogoni – Laboratorijske vežbe", Univerzitet u Nišu, Elektronski fakultet, Edicija: Pomoćni udžbenici, 2004, Niš.		
19			
20			
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	13	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	5	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Nikolić B. Zorica	
<b>Title</b>		Professor	
<b>Specific scientific field</b>		Telecommunications	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	01.03.2000.	University of Niš, Faculty of Electronic Engineering	Telecommunications
PhD	05.07.1989.	University of Niš, Faculty of Electronic Engineering	Telecommunications
Diploma	07.06.1979.	University of Niš, Faculty of Electronic Engineering	Telecommunications
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	CDMA and OFDM communications		
2	Communication Algorithms and Applications		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	M.Stefanović and Z.Nikolić, "Performance of PSK Signal Transmitted Over Satellite Channel," Electronics Letters, Vol.24, No 10, pp. 587-589, May 1988		
2	Z.Nikolić, M.Stefanović and N.Stojanović, "Upper Bound of Error Probability in the Presence of Intersymbol Interference and Jitter," Electronics letters, vol.30, No.5, March 1994.		
3	Z.Nikolić, B. Dimitrijević and N. Milošević "Rejection of PSK Interference in Ds-SS/QPSK System Using Complex Adaptive Filter and Nonlinear Correlation Receiver" Electronics letters, Vol.33, No. 4, February 1997., pp. 268-270.		
4	Savo Glišić, Zorica Nikolić, Nenad Milošević, Ari Pouttu, "mMFSK Frequency Hopping Modulation for Wireless Ad Hoc Networks", 18th Chapter in Wireless Multimedia Network Technologies, Kluwer Academic Publishers, Boston, 1999, pp. 331-351.		
5	Savo Glišić, Zorica Nikolić, Nenad Milošević, Ari Pouttu, "Advanced Frequency Hopping Modulation for Spread Spectrum WLAN", IEEE Journal on Selected Areas in Communications, Vol. 18, No. 1, January 2000, pp.16-29.		
6	Savo Glišić, Zorica Nikolić and Bojan Dimitrijević, "Adaptive Self Reconfigurable Interference Suppression Schemes for CDMA Wireless Networks", IEEE Trans. Comm., Vol.47, No. 4, April 1999, pp. 598-607.		
7	Savo Glišić, Zorica Nikolić, Dragoljub Pokrajac and Penti Leppanen "Performance Enhancement of DS Spread Spectrum Systems: Two Dimensional Interference Suppression", IEEE Trans. Comm., October 1999, No. 10, pp. 1549-1560		
8	Savo Glišić, Zorica Nikolić, Bojan Dimitrijević and Graeme Woodward, "Multilayer LMS Interference Suppression Algorithms for CDMA Wireless Networks", IEEE Trans. Comm., Vol.48, No. 8, August 2000., pp. 1413-1423.		
9	Savo Glišić, Zorica Nikolić, Nenad Milošević, Ari Pouttu, "Advanced Frequency Hopping Modulation for Spread Spectrum WLAN", IEEE Journal on Selected Areas in Communications, Vol. 18, No. 1, January 2000, pp.16-29.		
10	Zorica Nikolić, Bojan Dimitrijević, Nenad Milošević, Đorđe Paunović, "Constant modulus interference rejection at DSSS/QPSK transmission system", Electronics Letters, vol 38, No 19, September 2002, pp. 1130-1131.		
11	Bojan Dimitrijević, Nenad Milošević, Zorica Nikolić, "BPSK Receiver Based on Adaptive Structure with Remodulation," Electronics and Electrical Engineering, Kaunas University of Technology, vol. 113, no. 7, 2011, pp. 93-96, ISSN 1392-1215, <a href="http://www.eejournal.ktu.lt/index.php/elt/article/view/620/645">http://www.eejournal.ktu.lt/index.php/elt/article/view/620/645</a>		
12	Zorica Nikolić, Veljko Stanković, Zoran Perić, "Frequency and Timing Offset Estimation Using Single Reference Symbol," AEU – International Journal of Electronics and Communications, No. 4, 2003, pp. 283-286		
13	Z.Hadzi-Velkov, B. Spasenovski and Z. Nikolić, "Capture effect in wireless LANs with RAKE reception of DSSS/DPSK signals," AEU - International Journal of Electronics and Communications, Vol.60, March 2006, pp. 199-207.		
14	Zorica Nikolić, Đorđe Paunović, Bojan Dimitrijević, Nenad Milošević, "Performance of UWB system using nonlinear receiver in the presence of interference", IET Communications (formerly IEE Proceedings Communications), Vol. 1, No. 2, April 2007, pp. 193-196		
15	Zbynek Fedra, Bojan Dimitrijević, Nenad Milošević, Dragan Antić, Zorica Nikolić, "Variance based OFDM frame synchronization," Radioengineering, Brno University of Technology, vol. 21, no. 1, 2012, pp. 408-413, ISSN 1210-2512, <a href="http://www.radioeng.cz/fulltexts/2012/12_01_0408_0413.pdf">http://www.radioeng.cz/fulltexts/2012/12_01_0408_0413.pdf</a>		

16	Bojan Dimitrijević, Nenad Milošević, Zorica Nikolić, Predrag Petrović, "UWB System Performance Improvement Using Smart Interference Rejection Filter," Radioengineering, Brno University of Technology, vol. 18, no. 2, 2009, pp. 196-200, ISSN 1210-2512, <a href="http://www.radioeng.cz/fulltexts/2009/09_02_196_200.pdf">http://www.radioeng.cz/fulltexts/2009/09_02_196_200.pdf</a>		
17	Nenad Milošević, Zorica Nikolić, Bojan Dimitrijević, Bojana Nikolić, " The Effects of Interference Suppression by a Reconfigurable Structure at DSSS-DPSK Receiver," Radioengineering, Brno University of Technology, vol. 19, no. 4, 2010, pp. 494-498, ISSN 1210-2512, <a href="http://www.radioeng.cz/fulltexts/2010/10_04_494_498.pdf">http://www.radioeng.cz/fulltexts/2010/10_04_494_498.pdf</a>		
18	Bojan Dimitrijević, Nenad Milošević, Roman Maršálek, Zorica Nikolić, "BPSK Receiver Based on Recursive Adaptive Filter with Remodulation," Radioengineering, Brno University of Technology, vol. 20, no. 4, 2011, pp. 932-936, ISSN 1210-2512, <a href="http://www.radioeng.cz/fulltexts/2011/11_04_932_936.pdf">http://www.radioeng.cz/fulltexts/2011/11_04_932_936.pdf</a>		
19	Bojan Dimitrijević, Zorica Nikolić, Nenad Milošević, "Performance Improvement of MDPSK Signal Reception in the Presence of Carrier Frequency Offset," IEEE Transactions on Vehicular Technology, IEEE Vehicular Technology Society, vol. 61, no. 1, 2012, pp. 381-385, ISSN 0018-9545, DOI: 10.1109/TVT.2011.2177105		
20	Zorica Nikolić, Bojan Dimitrijević, Nenad Milošević, "Performance improvement of DPSK signal reception using reconfigurable multiple bit differential detection in the presence of carrier frequency offset," Wireless Personal Communications - Online, published online April 2012, ISSN: 0929-6212, DOI: 10.1007/s11277-012-0628-		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	31	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	25	Number of international projects at which the lecturer currently participates	2
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Nikolić S Zoran		
<b>Title</b>	Professor		
<b>Specific scientific field</b>	Electrical Engineering and Computing Science		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	27.03.1981	University of Niš, Faculty of Electronic Engineering	Components and Materials
PhD	30.06.1980	University of Niš	Technical Science
Diploma	20.09.1974	University of Niš, Faculty of Electronic Engineering	Electronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Quality Control Techniques and Reliability		
2	Simulation Methods for Materials Design		
3	Quality and Reliability of Microelectronic Devices		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Z.S. Nikolic, Theoretical study of skeletal structure evolution under topological constraints during sintering, Mathematical and Computer Modelling 57 (2013) 1060-1069. DOI: 10.1016/j.mcm.2012.06.026, ISSN 0895-7177		
2	Z.S. Nikolic, F. Wakai, Three-dimensional computer study of rearrangement during liquid phase sintering, Mathematical and Computer Modelling 55 (2012) 1251-1262. doi:10.1016/j.mcm.2011.10.005, ISSN 0895-7177		
3	Z.S. Nikolic and K. Shinagawa, A three-dimensional computer study of gravity induced skeletal structure evolution during liquid phase sintering, Mathematical and Computer Modelling 55 (2012) 1825-1832. doi:10.1016/j.mcm.2011.11.039, ISSN 0895-7177		
4	Z.S. Nikolic, Three-dimensional computer simulation of grain coarsening during sintering, Science of Sintering, 44 (2012) 3-15. doi: 10.2298/SOS1201003N		
5	F. Wakai, Z.S. Nikolic, Effect of grain boundary sliding on shear viscosity and viscous Poisson's ratio in macroscopic shrinkage during sintering, Acta Materialia 59 (2011) 774-784. doi:10.1016/j.actamat.2010.10.021, ISSN: 1359-6454		
6	Z.S. Nikolic, M. Yoshimura, Numerical simulation of pore evolution during liquid phase sintering, Mathematical and Computer Modelling 51 (2010) 1140-1145. doi:10.1016/j.mcm.2009.12.025, ISSN 0895-7177		
7	Z.S. Nikolic, Numerical simulation of gravity induced skeletal settling during liquid phase sintering, Mathematical and Computer Modelling 51 (2010) 1146-1153. doi:10.1016/j.mcm.2009.12.026, ISSN 0895-7177		
8	Z.S. Nikolic and M. Yoshimura, Computer Simulation of Rapid Solidification With Undercooling: A Case Study of Spherical Ceramics Sample on Metallic Substrate. Science of Sintering, 42 (2010) 33-43. doi: 10.2298/SOS1001033N, ISSN: 0350-820X		
9	Z.S. Nikolic, Computer simulation of liquid phase sintering: gravity induced skeletal structure evolution - A review, Materials Science Forum 624 (2009) 19-42. doi:10.4028/www.scientific.net/MSF.624.19, ISSN: 1662-9752		
10	Z.S. Nikolic, Liquid Phase Sintering - I. Computer Study of Skeletal Settling and Solid Phase Extrication in Normal Gravity Environment, Science of Sintering, 40[1] (2008) 3-12. doi:10.2298/SOS0801003N, ISSN 0350-820X		
11	Z.S. Nikolic, Liquid Phase Sintering - II. Computer Study of Skeletal Settling and Solid Phase Extrication in Microgravity Environment, Science of Sintering, 40[2] (2008) 107-116. doi:10.2298/SOS0802107N, ISSN 0350-820X		
12	Z.S. Nikolic, M. Yoshimura, Numerical simulation of rapid solidification of a spherical sample on a metallic substrate, Journal of Materials Science (2007) 42:7729-7729. DOI 10.1007/s10853-007-1658-y, ISSN 0022-2461		
13	Z.S. Nikolic, Basic and Mixed Models for Two-Dimensional Computer Simulation of Liquid Phase Sintering of Porous Structure, Science of Sintering, 39 (2007) 3-8. doi:10.2298/SOS0701003N		



14	Z.S. Nikolic, M. Yoshimura, S. Araki and T. Fujiwara, Finite Difference Method for Computer Study of Interfacial Heat Transfer Coefficient During Rapid Solidification of Spherical Sample on Metallic Substrate, Science of Sintering, 39 (2007) 111-116. doi:10.2298/SOS0702111N, ISSN 0350-820X		
15	Z.S. Nikolic, Computer Simulation of Free Settling and Skeletal Settling During Liquid Phase Sintering, Science of Sintering, 38 (2006) 41-54. doi:10.2298/SOS0601041N, ISSN:0350-820X		
16	Z.S. Nikolic, A simple model for 3-D visualization of model topology due to rearrangement in liquid phase sintering, Computers and Mathematics with Applications 51 (2006) 551-558. doi: 10.1016/j.camwa.2005.07.014. ISSN:0898-1221		
17	Z.S. Nikolic, A model for 3-D study of rearrangement in liquid phase sintering, Z.Metallkd. 2004/11, pp. 993-1000. ISSN: 1862-5282		
18	Z.S. Nikolic, Simulation of intergranular impedance as a function of diffusion processes, Journal of Materials Science: Materials in Electronics 13 (2002) 743-749; Dec 2002. DOI:10.1023/A:1021524730488, ISSN 0957-4522		
19	Z.S. Nikolic, A Computer Study of Gravitational Effects on Microstructure During Liquid Phase Sintering Using Random Generated Translation and Rotation, Science of Sintering, Vol. 32, Special Issue (2000), 61-69. ISSN: 0350-820X		
20	Z.S. Nikolic, Computer simulation of grain growth by grain boundary migration during liquid phase sintering, Journal of Materials Science 34(4): 783-794, Feb 1999 doi: 10.1023/A:1004577014266, ISSN: 0022-2461		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	151	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	51	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
<u>Visiting Researcher:</u> Max-Planck Institute, Powder Metallurgy Laboratory, Stuttgart, Germany 1978, 1979			
<u>Visiting Professor:</u> Max-Planck Institute, Powder Metallurgy Laboratory, Stuttgart, Germany 1985, 1989, 1992. Center for Advanced Ceramic Technology, Alfred University, USA 1990, 1994, 1996. Technical University Freiberg, Germany, Institute for Ceramics Materials 2001, 2002. Materials and Structures Laboratory, Tokyo Institute of Technology, Japan 2003, 2004, 2006, 2007 Secure Materials Center, Tokyo Institute of Technology, Japan 2009 Department of Advanced Materials Science, Faculty of Engineering, Kagawa University, Japan 2012			
<b>Other data considered relevant</b>			
Z.S. Nikolic, Computer Modeling of Rearrangement in Liquid Phase Sintering (Chapter 1), in Computer Science, Technology and Applications, Computer Simulations: Technology, Industrial Applications and Effects on Learning, Editors: Boris Nemanjic and Navenka Svetozar, Nova Science Publishers, New York 2013, pp. 1-54 ISBN: 978-1-62257-580-0, ISBN: 978-1-62257-581-7 (eBook)			
Z.S. Nikolic, Numerical Method for Computer Study of Liquid Phase Sintering: Densification Due to Gravity Induced Skeletal Settling, APPROXIMATION AND COMPUTATION Springer Optimization and Its Applications, Vol. 42, Gautschi, Walter; Mastroianni, Giuseppe; Rassias, Themistocles M. (Eds.), 1st Edition., 2010, XXII, pp. 409-424 DOI: 10.1007/978-1-4419-6594-3_27 ISBN 978-1-4419-6593-6			
L.F. Pryadko, Z.S. Nikolic, M.V. Nikolic, S.M. Radic, N. Labus, A. Maricic and M.M. Ristic, General Principles of the Kinetics and Mechanism of Sintering, Eds. M.M. Ristic and A. Maricic, Institute of Technical Sciences of SASA, Belgrade, 2006. ISBN 86-80321-10-9			
E.M. Savitskii, V.B. Gribulya, N.N. Kiselyova, M. Ristic, Z. Nikolic, Z. Stojiljkovic, M. Zivkovic, I.P. Arsentiyeva, Prediction in Materials Science Using Computer /in Russian/, Moscow: Nauka (1990)			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Pantić S. Dragan	
<b>Title</b>		Professor	
<b>Specific scientific field</b>		Microelectronics and Microsystems	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	23.07.2004.	Faculty of Electronic Engineering Niš	Microelectronics and Microsystems
PhD	08.04.1994.	Faculty of Electronic Engineering Niš	Microelectronics
Diploma	02.07.1986	Faculty of Electronic Engineering Niš	Microelectronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Software Engineering in Microelectronics		
2	Photovoltaic Systems, Technologies and Solar Cells		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	N. Janković, D. Pantić, S. Batcup, P. Igić, "A lateral double-diffused magnetic sensitive metal-oxide-semiconductor field-effect transistor with integrated n-type Hall plate", Appl. Phys. Lett. 100, 263507 (2012).		
2	Aneta Prijic, Zoran Prijic, Biljana Pešić, Dragan Pantić, Stojan Ristić, Dragan Mančić, Zoran Petrušić, "Design and Optimization of S-Type Thermal Cutoffs", IEEE Transaction on Components and Packaging Technologies, vol. 31, no. 4, pp. 904-912, December 2008.		
3	Darko Bjelopavlić, Danijela Pantić, Branimir Đorđević, Dragan Pantić, "Simulation of hetero-junction silicon solar cells", Journal of Contemporary Materials I-2, pp.186-194, 2010.		
4	N. Janković, T. Pešić, D. Pantić, "Dynamic MAGFET Model for Sensor Simulation", Circuits, Devices & Systems, IET, vol.1, no. 4, pp. 270-274, August 2007.		
5	A. Rochas, A.R. Pauchard, P.A. Besse, D. Pantic, Z. Prijic, R.S. Popovic, "Low-Noise Silicon Avalanche Photodiodes Fabricated in Conventional CMOS Technologies", IEEE Trans. on Electron Devices, Vol. 49, No. 3, pp. 387-394, March 2002.		
6	D. Pantić, T. Trajković, N. Stojadinović, "A New Technology Computer-Aided Design (TCAD) System Based on Neural Network Models", Microelectronics Journal, vol.29, pp.1-4, 1998.		
7	P. Habaš, Z. Prijic, D. Pantić, N. Stojadinović, "Charge-Pumping Characterization of SiO <sub>2</sub> /Si Interface in Virgin and Irradiated Power VDMOSFETs", IEEE Trans. Electron Device, vol.43, no.12, pp.2197-2209, 1996.		
8	Z. Prijic, D. Pantić, N. Stojadinović, "Educational Software on Power VDMOS Transistors", Microelectronics Journal, vol.27, pp.131-138, 1996		
9	D. Pantić, Z. Prijic, Z. Pavlović, "Process Design and Optimization of the Channel Doping Profile in Power VDMOSFET's", Microelectronics Journal, vol.27, pp.191-200, 1996.		
10	P. Habaš, Z. Prijic, D. Pantić, "The Application of Charge-Pumping Technique to Characterize the Si/SiO <sub>2</sub> Interface in Power VDMOSFETs", Microelectronic Engineering, vol.28, pp.171-174, 1995		
11	D. Pantić, S. Mijalković, N. Stojadinović, "An Efficient Multiparticle Diffusion Simulation by an Adaptive Multigrid Method", Microelectronics Journal, vol.25, pp.79-97, 1994		
12	D. Pantić, S. Mijalković, N. Stojadinović, "The Efficient Simulation of Point Defect Diffusion by an Adaptive Multigrid Method", Microelectronic Engineering, vol.19, pp.789-794, 1992.		
13	D. Pantić, S. Mijalković, N. Stojadinović, "A New Multilayer Ion Implantation Model for Process Simulation", Microelectronics Journal, vol.20, no.6, pp.5-10, 1989.		
14	Nebojša Janković, Sanja Aleksić, Dragan Pantić, „Simulation and Modeling of Integrated Hall Sensor Device“, Proc. Of 4th Small Sistem Simulation Symposium – SSSS 2012, pp. 85-92, Niš, Serbia, Februaru 2012 (invited lecture).		
15	Z. Xiao, D. Pantić, R. S. Popović, "A New Single Photon Avalanche Diode in CMOS High-Voltage Technology", 14th International Conference on Solid-State Sensors, Actuators and Microsystems (TRANSDUCERS'07), Lyon, France, 2007.		
16	E. Jovanović, T. Pešić, N. Janković, D. Pantić, "3D Simulation and Electrical Modelling of Cross-Shaped Hall Sensor", Digest of Technical Papers of 18th European Conference on Solid-State Sensors, p.2.50 (CD ROM), Rome, Italia, 2004.		
17	N. Janković, D. Pantić, "Integrated Radiation Sensor with On-Chip Conditioning Circuitry for the Low-Dose Application", SPIE's International Symposium and Educational Program on Intelligent Systems & Advanced Manufacturing, Pittsburgh, Pennsylvania USA, 1997.		

18	D. Pantić, T. Trajković, S. Milenković, N. Stojadinović, "Optimization of Power VDMOSFET's Process Parameters by Neural Networks", Proc. 25th European Solid State Device Research Conference (ESSDERC'95), pp. 793-796, The Hague, The Netherlands, September, 1995.		
19	D. Pantić, S. Mijalković, N. Stojadinović, "The Efficient Simulation of Point Defect Diffusion by an Adaptive Multigrid Method", Proc. 22nd European Solid State Device Research Conference (ESSDERC'92), pp. 789-792, Leuven, Belgium, September, 1992.		
20	S. Mijalković, D. Pantić, N. Stojadinović, "On Efficiency of Multigrid Methods in Two-Dimensional Impurity Redistribution Simulation", Proc. 3rd International Conference on Simulation of Semiconductor Devices and Processes (SISDEP'88), (edited by G. Bacarani and M. Rudan), vol.3, pp.463-474, September, Bologna, 1988.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	120	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	15	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
Technical University Vienna (1994), Ecole Polytechnique Federale de Lausanne, Department de Microtechnique, Lausanne, Switzerland (2001)			
<b>Other data considered relevant</b>			
Dragan Pantić, Tatjana Pešić and Elva Jovanović, Design and Simulation in Microelectronics, Faculty of Electronic Engineering Niš, ISBN 86-85195-10-1, 2005.			
Led or participated in more than 10 domestic projects funded by Serbian Ministry of science and technology			
Led or participated in more than 5 projects funded by Digital Equipment Corporation, Technical University Vienna, Institute for Microelectronics, Ecole Polytechnique Federale de Lausanne, Department de Microtechnique, Lausanne, Switzerland, WUS Austria, Austrian Science and Research Liaison Office.			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>				Paunović V. Vesna			
<b>Title</b>				Assistant Professor			
<b>Specific scientific field</b>				Electronics Materials			
<b>Academic career</b>							
	<b>Date</b>	<b>Institution</b>			<b>Field</b>		
Election	30.01.2013	University of Niš, Faculty of Electronic Engineering			Electronics Materials		
PhD	27.03.2008	University of Niš, Faculty of Electronic Engineering			Electronics Materials		
Diploma	20.06.1994	University of Niš, Faculty of Philosophy (Chemistry)			Chemistry		
<b>List of courses the lecturer holds at study programs of doctoral studies</b>							
<b>Number</b>	<b>The name of the course</b>						
1							
2							
3							
4							
5							
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>							
1	Vojislav Mitić, Vesna Paunović, Jelena Purenović, Slobodanka Janković, Ljubiša Kocić, Igor Antolović, Dejan Rančić, "The contribution of fractal nature to BaTiO <sub>3</sub> -ceramics microstructure analysis", Ceramic International, 38, (2) , pp.1295-1301, 2012.						
2	Vesna Paunović, Vojislav V.Mitić, Miroslav Miljković, Ljiljana Živković, "Ho <sub>2</sub> O <sub>3</sub> Additive Effects on BaTiO <sub>3</sub> Ceramics Microstructure and Dielectric Properties", Science of sintering, 44 ( 2 ), pp.223-233, 2012						
3	Vojislav V. Mitić, Vesna Paunović, Jelena Purenović, Ljubiša Kocić, Vladimir Pavlović, "The processing parameters influence on BaTiO <sub>3</sub> -ceramics fractal microstructure and dielectric characteristics", Advances in Applied Ceramics: Structural, Functional and Bioceramics, Vol 111, No. 5&6, pp.360-366, 2012						
4	Nina Obradović, Suzana Filipović, Miodrag Mitrić, Vladimir Pavlović, Vesna Paunović, Darko Kosanovic, Igor Balac, Momčilo M. Ristić, "Influence of mechanical activation on electrical properties of barium-zinc-titanate sintered at 1100oC " Powder Metallurgy and Metal ceramics Vol. 50 (11-12) pp.714-718, 2012						
5	Igor Jovanović, Dragan Mančić, Vesna Paunović, Milan Radmanović, Vojislav V.Mitić, Metal Rings and Discs Matlab/Simulink 3D Model for Ultrasonic Sandwich Transducer Design, Science of sintering, 44 ( 3 ), pp.287-298, 2012						
6	Jelena Purenović, Vojislav Mitić, Vesna Paunović, Milovan Purenović, "Microstructure characterization of porous microalloyed aluminium silicate ceramics", Journal of Mining and Metallurgy, Section B-Metall., 47, (2) B, pp.157-169, 2011						
7	Vojislav V. Mitić, Vesna Paunović, Vladimir Pavlović, Ljiljana Živković, "Sintering Process Influence on Microstructure and Intergranular Impedance of Rare-Earth Modified BaTiO <sub>3</sub> -Ceramics"Science of sintering, 43 ( 3 ), pp. 277-287, 2011						
8	Nina Obradović, Suzana Filipović, Vladimir Pavlović, Vesna Paunović, Miodrag Mitrić, Momčilo M. Ristić, "Structural and Electrical Properties of Sintered Barium-Zinc-Titanate Ceramics", Acta Physica Polonica, Vol. 120, No.2 pp.322-325, 2011						
9	Jelena Purenović, Vojislav Mitić, Vesna Paunović, Milovan Purenović, "Microstructure characterization of porous microalloyed aluminium silicate ceramics", Journal of Mining and Metallurgy, Section B-Metall., 47, (2) B, pp.157-169, 2011						
10	Vojislav Mitić, Zoran Nikolić, Vladimir Pavlović, Vesna Paunović, Miroslav Miljković, Branka Jordović, Ljiljana Živković, "Influence of rare-earth dopants on barium titanate ceramics microstructure and corresponding electrical properties", Journal of the American Ceramic Society, Vol. 93, 1, pp.132-137, 2010.						
11	Vesna Paunović, Ljiljana Živković, Vojislav Mitić, "The influence of rare-earth additives (La, Sm and Dy ) on the microstructure and dielectric properties of doped BaTiO <sub>3</sub> ceramics", Science of sintering, 42 (1), pp. 69-79, 2010						
12	Vojislav Mitić, Vladimir B. Pavlović, Ljubiša Kocić, Vesna Paunović, Dragan Mančić, "Application of the Intergranular Impedance Model in Correlating Microstructure and Electrical Properties of Doped BaTiO <sub>3</sub> ", Science of sintering, 41 (3), pp. 247-256, 2009.						
13	Dragan Mančić, Vesna Paunović, Mirjana Vijatović, Biljana Stojanović, Ljiljana Živković, "Electrical characterization and impedance response of lanthanum doped barium titanate ceramics", Science of sintering, 40 (3), pp.283-294, 2008						

14	Ljiljana Živković, Vesna Paunović, Miroslav Miljkovic, Momčilo M. Ristić, "Microstructure Evolution and Dielectric Properties of Nb/Mn and Dy/Mn Doped Barium Titanate Ceramics", in Recent Developments in Advanced Materials and Processes, Materials Science Forum, Vol, 518, 229-234, 2006
15	Ljiljana Živković, Vesna V.Paunović, Nataša Lj.Stamenkov, Miroslav M.Miljković, "The Effect of secondary abnormal grain growth on the dielectric properties of La/Mn Co-Doped BaTiO3 Ceramics", Science of Sintering, 38 (3), pp.273-281, 2006
16	Dragan Mančić, Vesna Paunović, Zoran Petrušić, Milan Radmanović, Ljiljan Živković, Application of Impedance Spectroscopy for Electrical Characterization of Ceramics Materials, ELECTRONICS, Vol.13., No1.,pp. 11-17, 2009
17	Vesna Paunović, Ljiljana Živković, Nataša Stamenkov, Ljubomir Vračar, " Dielektrična svojstva akceptor-donor Ba(Ti,Mn,Nb)O3 kodopirane keramike", TEHNIKA - NOVI MATERIJALI, 1, ss.23 - 29 (2005., LX).
18	
19	
20	

#### Cumulative data of the scientific activity of the lecturer

Total number of citations	21	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	18	Number of international projects at which the lecturer currently participates	

#### Specializations

#### Other data considered relevant

Dragan Mamčić, Vesna Paunović, "Impedance Spectroscopy application for electrical characterization of La doped BaTiO3 ceramics, Monograph, University of Niš, Faculty of Electronic Engineering, 2012.

member:- Institute of Electrical and Electronics Engineering (IEEE), International Society of Stereology (ISS), - European Microbeam Analysis Society (EMAS), - Serbian Microscopy Society (SDM), - Serbian Ceramic Society (SKD)

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Perić H. Zoran		
<b>Title</b>	Professor		
<b>Specific scientific field</b>	Telecommunications		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	15.11.2010.	University of Niš, Faculty of Electronic Engineering	Telecommunications
PhD	01.12.1999.	University of Niš, Faculty of Electronic Engineering	Telecommunications
Diploma	30.06.1989.	University of Niš, Faculty of Electronic Engineering	Telecommunications
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Digital Telecommunications		
2	Digital Signal Processing		
3	Information Theory and Source Coding		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Zoran Perić, Olivera Milanović, Aleksandra Ž. Jovanović, Optimal Companding Vector Quantization for Circularly Symmetric Sources, Information Sciences, Vo. 178, No. 22, pp. 4375-4381, November 2008, ISSN 0020-0255, (M21).		
2	Zoran Perić, Aleksandra Ž. Jovanović, Mihajlo Stefanović, Srđan Bogosavljević, Switched Nonuniform Polar Quantization of Sources with a Wide Dynamic Range of Power, Journal of Communications Technology and Electronics, Vol. 52, No. 12, pp. 1340–1349, 2007, ISSN 1064-2269, ( M23).		
3	Zoran Perić, Jelena Nikolić, An Effective Method for Initialization of Lloyd-Max's Algorithm of Optimal Scalar Quantization for Laplacian Source, Informatica, Vol. 18, No. 2, pp. 279-288, 2007, I O S Press, ISSN 0868-4952, ( M23).		
4	Jelena Nikolić, Zoran Perić, Lloyd-Max's Algorithm Implementation in Speech Coding Algorithm Based on Forward Adaptive Technique, Informatica, Vol. 19, No. 2, pp. 255-270, 2008, I O S Press, ISSN 0868-4952, ( M23) .		
5	Zoran Perić, Aleksandra Ž. Jovanović, Radial Compression Function for Vector Quantizer of Laplacian Source with High Dynamic Variance Range, European Transactions on Telecommunications, vol. 22, no. 3, pp. 113-124, 2011, ISSN 1124-318X, (M23).		
6	Zoran Perić, Marko Petković , Milan Dinčić, Simple Compression Algorithm for Memoryless Laplacian Source Based on the Optimal Companding Technique, Informatica, Vol. 20, No. 1, pp. 99-114, 2009, I O S Press, ISSN 0868-4952, ( M22).		
7	Zoran Perić, Milan Dinčić, Aleksandra Jovanović, Optimal log-polar image sampling, Journal of Communications Technology and Electronics, vol. 54, no. 12, pp. 1397–1402, 2009, ISSN 1064-2269, (M23)		
8	Zoran Perić, Jelena Nikolić, An Adaptive Waveform Coding Algorithm and its Application in Speech Coding, Digital Signal Processing, Vol. 22, No. 1, pp. 199 209, 2012, Elsevier, ISSN 1051-2004, (M22).		
9	Lazar Velimirović, Zoran Perić, Jelena Nikolić, Design of Novel Piecewise Uniform Scalar Quantizer for Gaussian Memoryless Source, Radio Science, Vol. 47, RS2005, doi:10.1029/2011RS004894, 2012, American Geophysical Union, ISSN 0048 6604, (M22).		
10	Zoran Perić, Aleksandra Ž. Jovanović, Optimal Piecewise Linear Radial Compression Function for Laplacian Source, European Transactions on Telecommunications, vol. 19, no.8, pp. 859-872, 2008, ISSN 1124-318X, (M23).		
11	Zoran H. Perić, Aleksandra Ž. Jovanović, Olivera D. Milanović, Vladislav V. Manojlović, Milan D. Dinčić, Adaptive Nonuniform Polar Quantization Application to High Quality Speech Compression, Journal of Communications Technology and Electronics, vol. 54, no. 12, pp. 1384–1396, 2009, ISSN 1064-2269, (M23).		
12	Zoran Perić, Jelena Nikolić, Aleksandar Mosić, Stefan Panić, A Switched-adaptive Quantization Technique using $\mu$ -law Quantizers, Information Technology and Control, Vol. 39, No. 4, pp. 317 320, 2010, ISSN 1392 124X, (M23).		
13	Zoran Perić, Jelena Nikolić, Aleksandar Mosić, Marko Petković, Design of Fixed and Adaptive Companding Quantizer with Variable-length Codeword for Memoryless Gaussian Source, Informatica, vol.24, no.1, 2013, ISSN 0868-4952, (M21).		
14	Zoran Perić, Jelena Nikolić, High-quality Laplacian Source Quantisation Using a Combination of Restricted and Unrestricted Logarithmic Quantisers, IET Signal Processing, vol.6, no.7, pp.633-640, 2012, ISSN 1751 9675 (M23).		



15	Zoran Perić, Jelena Nikolić, Asymptotic Analysis of Switched Uniform Polar Quantization for Memoryless Gaussian Source, IEEE Signal Processing Letters, vol. 20, no. 1, pp. 75-78, 2013, ISSN 1070-9908, (M22).		
16	Aleksandra Ž. Jovanović, Zoran H. Perić, Geometric Piecewise Uniform Lattice Vector Quantization of the Memoryless Gaussian Source, Information Sciences, vol. 181, no. 14, pp. 3043–3053, 2011, ISSN 0020-0255, (M21).		
17	Zoran Perić, M. Savić, M. Dinčić, D. Denić, M. Praščević, Forward Adaptation of Novel Semilogarithmic Quantizer and Lossless Coder for Speech Signals Compression, Informatica, Vol. 21, No. 3, pp. 375-391, 2010, ISSN 0868-4952, (M21).		
18	Marko Petković, Zoran Perić, Aleksandar Mosić, Optimisation of Variable-Length Code for Data Compression of Memoryless Laplacian Source, IET Communications, Vol. 5, No. 7, pp 906-913, 2011, ISSN 1751-8628, (M23).		
19	Milan Savić, Zoran Perić, Milan Dinčić, Coding Algorithm for Grayscale Images Based on Piecewise Uniform Quantizers, Informatica, Vol. 23, No. 1, pp. 125-140, 2012, ISSN 0868-4952, (M21).		
20	Despotović Vladimir, Goertz Norbert, Perić Zoran, Nonlinear Long-Term Prediction of Speech Based on Truncated Volterra Series, IEEE Transactions on Audio Speech And Language Processing, vol. 20 No. 3, pp. 1069-1073, 2012, ISSN 1558-7916, (M22).		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	250	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	60	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Pešić M. Biljana		
<b>Title</b>	Professor		
<b>Specific scientific field</b>	Microelectronics and Microsystems		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	11.09.2006.	University of Nis, Faculty of Electronic Eng.	Microelectronics and Microsystems
PhD	26.04.1996	University of Nis, Faculty of Electronic Eng.	Microelectronics
Diploma	17.10.1980.	University of Nis, Faculty of Electronic Eng.	Microelectronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Nano-Technology and Nano-Devices		
2	Design, Technology and Characterisation of Microsystems		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	B. Pešić, S. Dimitrijević, N. Stojadinović, "Sudden Failures Associated with the Gate Oxide of CMOS Transistors", Microelectronics and Reliability, vol. 28, pp. 643-648 (1988).		
2	B. Pešić, S. Dimitrijević, N. Stojadinović, "Investigation of Gate Oxide Breakdown in CMOS Integrated Circuits", Microelectronics Journal, vol. 20 pp. 19-26 (1989).		
3	T. Brozek, B. Pešić, A. Jakubowski, N. Stojadinović, " Breakdown Properties of Thin Oxide in Irradiated MOS Capacitors", Microelectronics and Reliability, vol. 33, pp. 649-657 (1993).		
4	T. Brozek, B. Pešić, " The Impact of High-Field Stressing on C-V Characteristics of Irradiated Gate Oxides", Applied Surface Science, vol. 63, pp. 295-300 (1993).		
5	T. Brozek, B. Pešić, A. Jakubowski, "Wear-out Properties of Irradiated Oxides in MOS Structures", Microelectronics Journal, vol. 24, pp. 381-387 (1993).		
6	T. Brozek, B. Pešić, A. Jakubowski, N. Stojadinović, "Statistical Modelling of Multimodal Gate Oxide Breakdown Data Based on Mixed Weibull Distributions Concept", Proc. 4th European Symposium on Reliability of Electron Devices, Failure Physics and Analysis (ESREF'93), Bordeaux, October 1993 (pp. 171-176).		
7	B. Pešić, N. Tošić, Z. Prijić, Z. Pavlović, N. Stojadinović, "Reliability of Power VDMOS Transistors, Proc. 6th European Symposium on Reliability of Electron Devices, Failure Physics and Analysis (ESREF'95), Bordeaux, October 1995 (pp. 111-116).		
8	N. Tošić, B. Pešić, N. Stojadinović, "Investigation of Failure Mechanisms in Power VDMOSFETs", Proc. 6th International Symposium on the Physical & Failure Analysis of Integrated Circuits - IPFA 97, Singapore, July 1997 (pp. 191-195).		
9	N. Tošić, B. Pešić, N. Stojadinović, "High Temperature Reverse Bias Testing of Power VDMOS Transistors, Proc. 8th European Symposium on Reliability of Electron Devices, Failure Physics and Analysis (ESREF'97), Bordeaux, October 1997 (pp. 1759-1762).		
10	Lj. Vračar, B. Pešić, N. Stojadinović, M. Pecovska-Djordjević, N. Novkovski, "High-Field Induced Gate Oxide Leakage" Proc. of 3rd Int. Conference INDEL-2000, Banja Luka, November 2000 (pp. 163-165).		
11	A. Prijić, B. Pešić, Z. Prijić, D. Pantić, Z. Pavlović, "3D Simulation of Electrical and Thermal Characteristics of Electric Contacts", Electronics, Vol. 6, No. 2, pp. 3-5 (2002).		
12	B. Pešić, Lj. Vračar, N. Stojadinović, M. Pecovska-Djordjević, N. Novkovski, "Stress-Induced Leakage Currents in Thin Silicon Dioxide Films", J. of Materials Sci.: Materials in Electronics, vol. 14, pp. 805-807 (2003).		
13	E. Jovanović, D. Pantić, B. Pešić, D. Pantić, "3D Simulation of Vertical Hall Device", Proc. 7th International Symposium on Microelectronics Technologies and Microsystems, Sofia-Sozopol, September 2003 (pp. 138-143).		
14	A. Prijić, B. Pešić, Z. Prijić, D. Pantić, Z. Pavlović, "3-D Simulation of Riveted Electric Contacts – Temperature and Yield Stress Distributions", Proc. 7th International Symposium on Microelectronics Technologies and Microsystems, Sofia-Sozopol, September 2003 (pp. 57-62).		
15	A. Prijić, B. Pešić, Z. Prijić, D. Pantić, Z. Pavlović, "Temperature and Yield Stress Characterization of Electric Contacts by 3D Numerical Simulation", Serbian J. Electrical Eng., vol. 2, No 1, pp. 77-91 (2005).		
16	Lj. Vračar, B. Pešić, N. Stojadinović, "Computer as Powerful Tool in Reliability Testing of Thin Gate Dielectrics in MOS Devices", Proc. International Conference on "Computer as Tool" - EUROCON 2005, Belgrade, November 2005 (pp. 1159-1162).		

17	A. Prijjić, Z. Prijjić, B. Pešić, "A New Method of Evaluation of Liquidus Temperatures of Ternary Alloys", Proc. 25th International Conference on Microelectronics (MIEL'06), Belgrade, May 2006 (pp.359-399).
18	A. Prijjić, Z. Prijjić, B. Pešić, D. Pantić, S. Ristić, "Analysis of Electrical and Thermal Characteristics of Thermal Cutoffs", Proc. XLII International Scientific Conference on Information, Communication and Energy Systems and Technologies (ICEST 2007), Ohrid, June 2007 (pp. 827-830).
19	A. Prijjić, Z. Prijjić, B. Pešić, D. Pantić, S. Ristić, D. Mančić, Z. Petrušić, "Design and Optimization of S-Type Thermal Cutoffs", IEEE Trans. Components and Packaging Techn., vol. 31, pp. 904-912 (2008).
20	

**Cumulative data of the scientific activity of the lecturer**

Total number of citations	43	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	10	Number of international projects at which the lecturer currently participates	

**Specializations**

Department of Electronic Components, Ruhr University, Bochum, Germany (1985).  
 Institute of Microelectronics and Optoelectronics, Warsaw University of Technology, Poland (1990, 1991, 1992).  
 Institute of Physics, Faculty of Natural Sciences and Mathematics, Skopje, Macedonia (2001, 2003).  
 Institute of Microelectronics, National Centre for Scientific Research "Demokritos", Athens, Greece (2003, 2004).  
 Institute of Solid State Physics, Bulgarian Academy of Science, Sofia, Bulgaria (2001,2003, 2006).

**Other data considered relevant**

4 Studies

2 New Products

2 Improved Technological Procedures

7 Pro-Types and New Methods

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Petronijević P. Milutin	
<b>Title</b>		Assistant professor	
<b>Specific scientific field</b>		Power engineering	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	29.01.2013	University of Nis, Faculty of Electronic Engineering	Power engineering
PhD	04.04.2012	University of Nis, Faculty of Electronic Engineering	Power engineering
Diploma	20.06.1993	University of Nis, Faculty of Electronic Engineering	Industrial power engineering
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Diagnosis and Monitoring of Electrical Machines		
2	Electrical Machines and Power Converters for Renewable Energy Sources		
3	Digital Control of Electrical Drives and Converters		
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Petronijevic, M.; Veselic, B.; Mitrovic, N.; Kostic, V.; Jeftenic, B.; , "Comparative study of unsymmetrical voltage sag effects on adjustable speed induction motor drives," Electric Power Applications, IET , vol.5, no.5, pp.432-442, May 2011. DOI: 10.1049/iet-epa.2010.0144		
2	Mitrovic, N.; Kostic, V.; Petronijevic, M.; Jeftenic, B.: "Practical Implementation of Multi-Motor Drives for Wide Span Gantry Cranes," Iranian Journal of Science And Technology Transaction B-Engineering, vol.34, no.6, pp.649-654, Dec 2010		
3	Nebojša Mitrović, Vojkan Kostić, Milutin Petronijević, Borislav Jeftenić, "Practical Implementation of Load Sharing and Anti Skew Controllers for Wide Span Gantry Crane Drives", Strojniški vestnik – Journal of Mechanical Engineering, ISSN 0039-2480, Volume 56, Number 3, 2010, pp. 207-216, UDC 621.875.5		
4	Nebojsa Mitrovic, Vojkan Kostic, Milutin Petronijevic, Borislav Jeftenic, "Multi-Motor Drives for Crane Application", Advances in Electrical and Computer Engineering, ISSN 1582-7445, e-ISSN 1844-7600, Volume 9, Number 3, 2009, pp. 57-62, doi: 10.4316/AECE.2009.03011		
5	Milutin Petronijević, Nebojša Mitrović, Vojkan Kostić, and Borislav Jeftenić, "Assessment of Unsymmetrical Voltage Sag Effects on AC Adjustable Speed Drives", FACTA UNIVERSITATIS, Series: Electronics and Energetics, Vol. 22, No. 3, December 2009, YU ISSN 0353-3670, COBISS.SR-ID 12826626, pp. 341-360		
6	M. Petronijević, N. Mitrović, and V. Kostić, "Voltage Sag Effects on High Performance Electric Drives", ELECTRONICS, Vol. 13, No. 2, December 2009, ISSN 1450-5843, pp. 20-24		
7	Milutin P. Petronijević, Nebojša Mitrović, Borislav Jeftenić, Vojkan Kostić, "Effects of Unsymmetrical Voltage Sags on Adjustable Speed Drives Torque Ripple", 35th Annual Conference of the IEEE Industrial Electronics Society, IECON 2009, 03-05 November, 2009, Porto, Portugal, Preprint Proceedings, pp. 1124-1129		
8	Nebojsa Mitrovic, Milutin Petronijevic, Vojkan Kostic and Borislav Jeftenic (2012). "Electrical Drives for Crane Application", Mechanical Engineering, Murat Gokcek (Ed.), ISBN: 978-953-51-0505-3, DOI: 10.5772/35560, InTech		
9	Milutin Petronijević, Borislav Jeftenić, Nebojša Mitrović, and Vojkan Kostić, "Voltage Sag Drop in Speed Minimization in Modern Adjustable Speed Drives", FACTA UNIVERSITATIS, Series: Electronics and Energetics, Vol. 19, No. 2, August 2006, YU ISSN 0353-3670, COBISS.SR-ID 12826626, pp. 231-245		
10	Vojkan Kostic, Nebojsa Mitrovic, Milutin Petronijevic and Milan Bebic, "Start up Current in Direct Torque Controlled Induction Motor Drives", SCIENTIFIC BULLETIN of "POLITEHNICA" University of Timisoara, Romania, Transactions on AUTOMATIC CONTROL and COMPUTER SCIENCE, Vol. 51(65), No. 4, 2006, ISSN 1224-600X, pp. 5-10		
11	B. Jeftenić, M. Petronijević and N. Mitrović, "Single Phase reversible rectifier with unity power factor", Facta Universitatis, series Electronics and Energetics, vol. 10, No. 2, 1997, pp. 295-310		
12	Milutin Petronijevic, Borislav Jeftenic, Nebojsa Mitrovic and Vojkan Kostic, "Matlab/Simulink Simulation of Voltage Sags Effects on Adjustable Speed Drives", Scientific Bulletin of "POLITEHNICA" University of Timisoara, Transactions on Automatic Control and Computer Science, Vol. 49(63), No. 1, 2004, ISSN 1224-600X, Timisoara, pp. 155-158		

13	Milutin P. Petronijević, Nebojša N. Mitrović, Vojkan Z. Kostić, Bojan G. Banković, "Effects of Unsymmetrical Voltage Sags on Industrial Adjustable Speed Drives", SERBIAN JOURNAL OF ELECTRICAL ENGINEERING, Vol. 6, No. 3, December 2009, ISSN 1451-4869, UDK: 621.313.3.027:681.51, pp. 495-505.		
14	Nebojša N. Mitrović, Vojkan Z. Kostić, Milutin P. Petronijević, Borislav I. Jeftenić, "Implementation of a direct torque and flux control algorithm for induction motor", University of Nis, Faculty of Electronic Engineering, edition: Monographs, ISBN 978-86-85195-74-7, 2009, Nis (in Serbian).		
15	Milutin Petronijević, Nebojša Mitrović, Vojkan Kostić, Bojan Banković, "Behavior of Induction Motor Drives Due to Unsymmetrical Voltage Sags", 15th International Symposium on Power Electronics - Ee 2009 (XV Međunarodni simpozijum Energetska elektronika – Ee 2009), Novi Sad, Republic of Serbia, October 28th - 30th, 2009, Proceedings of Papers on CD, ISBN 978-86-7892-208-4, Paper No. T6-2.9, pp. 1-5.		
16	M. Petronijevic, B. Jeftenic, "Modern concept of paper rewinder control and drives" X International Symposium in the field of cellulose, paper, package and graphic, Proceedings of Papers, 22.-25. June 2004, pp 142–148 (in Serbian)		
17			
18			
19			
20			
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	7	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	4	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Prijic D. Zoran	
<b>Title</b>		Professor	
<b>Specific scientific field</b>		Microelectronics	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	26.05.2004.	University of Niš, Faculty of Electronic Engineering	Microelectronics
PhD	23.12.1993.	University of Niš, Faculty of Electronic Engineering	Microelectronics
Diploma	01.07.1987.	University of Niš, Faculty of Electronic Engineering	Electronic Devices
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Microelectronics		
2			
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	A. Prijic, D. Dankovic, Lj. Vracar, I. Manic, Z. Prijic, N. Stojadinovic, „A method for negative bias temperature instability (NBTI) measurements on power VDMOS transistors“, Measurement Science and Technology, Vol. 23, Art. No. 085003, (8pp), 2012.		
2	Lj. Vracar, A. Prijic, D. Vucokovic, Z. Prijic, „Capacitive Pressure Sensing Based Key in PCB Technology for Industrial Applications“, IEEE Sensors Journal, Vol. 12, No. 5, pp. 1496-1503, 2012.		
3	I. Manic, D. Dankovic, A. Prijic, V. Davidovic, S. Djoric-Veljkovic, S. Golubovic, Z. Prijic, N. Stojadinovic, „NBTI related degradation and lifetime estimation in p-channel power VDMOSFETs under the static and pulsed NBT stress conditions“, Microelectronics Reliability, Vol. 51, No. 9, pp. 1540-1543, 2011.		
4	N. Stojadinovic, D. Dankovic, I. Manic, A. Prijic, V. Davidovic, S. Djoric-Veljkovic, S. Golubovic, Z. Prijic, „Threshold Voltage Instabilities in p-Channel Power VDMOSFETs Under Pulsed NBT Stress“, Microelectronics Reliability, Vol. 50, No. 9, pp. 1278-1282, 2010.		
5	A. Prijic, Z. Prijic, B. Pesic, D. Pantic, S. Ristic, D. Manic, Z. Petrusic, „Design and Optimization of S-Type Thermal Cutoffs“, IEEE Trans. Components and Packaging Technologies, Vol. 31, No. 4, pp. 904-912, 2008.		
6	A. Rochas, A. Pauchard, P. Besse, D. Pantic, Z. Prijic, R. Popovic, „Low-Noise Silicon Avalanche Photodiodes Fabricated in Conventional CMOS Technologies“, IEEE Trans. Electron Devices, Vol. 49, No. 3, pp. 387-394, 2002.		
7	P. Habaš. Z. Prijic, D. Pantic, N. Stojadinovic, „Charge Pumping Characterization of SiO <sub>2</sub> /Si Interface in Virgin and Irradiated Power VDMOSFET's“, IEEE Trans. Electron Devices, Vol. 43, No. 12, pp. 2197-2209, 1996.		
8	P. Habaš. Z. Prijic, D. Pantic, „The Application of Charge-Pumping Technique to Characterize the Si/SiO <sub>2</sub> Interface in Power VDMOSFETs“, Microelectronic Engineering, Vol. 28, pp. 171-174, 1995.		
9	S. Ristic, Z. Prijic, S. Mijalkovic, „The Effect of Impurity Concentration Dependent Static Dielectric Constant on Band-Gap Narrowing in Heavily Doped Silicon“, Physica Status Solidi (A), Vol. 148, pp. 575-584, 1995.		
10	Z. Prijic, Z. Pavlovic, S. Ristic, N. Stojadinovic, „Zero Temperature Coefficient (ZTC) Biasing of Power VDMOS Transistors“, Electronic Letters, Vol. 29, pp. 435-437, 1993.		
11	Z. Prijic, D. Pantic, „Educational Software for Power VDMOS Transistors“, Microelectronics Journal, Vol. 27, pp. 131-138, 1996.		
12	I. Manic, Z. Pavlovic, Z. Prijic, V. Davidovic, N. Stojadinovic, „Analytical modelling of electrical characteristics in $\gamma$ -irradiated power VDMOS transistors“, Microelectronics Journal, Vol. 32, pp. 485-490, 2001.		
13	S. Mijalkovic, D. Pantic, Z. Prijic, S. Mitrovic, N. Stojadinovic, „MUSIC - A Multigird Simulator for IC Fabrication Processes“, COMPEL, Vol. 10, pp. 599-610, 1991.		
14	Z. Pavlovic, I. Manic, Z. Prijic, N. Stojadinovic, „Temperature Distribution in the Cells of Low-Voltage Power VDMOS Transistor“, Microelectronics Journal, Vol. 30, pp. 109-113, 1999.		
15	D. Pantic, Z. Prijic, Z. Pavlovic, „Process Design and Optimization of the Channel Doping Profile in Power VDMOSFETs“, Microelectronics Journal, Vol. 27, pp. 191-200, 1996.		



16	Z. Prijic, P. Igić, Z. Pavlović, N. Stojadinovic, „Simple Method for the Extraction of Power VDMOS Transistor Parameters“, Microelectronics Journal, Vol. 27, pp. 567-570, 1996.		
17	S. D. Ristić, Z. D. Prijic, S. V. Živanović, S. Ž. Mijalković, A. P. Trajković, „On the Effective Intrinsic Carrier Concentrations and Diffusivities in Heavily Doped Silicon“, Physica Status Solidi (a), Vol. 152, pp. 499-509, 1995.		
18	Z. Pavlović, Z. Prijic, S. Ristić, N. Stojadinović, „Temperature Dependence of ON-Resistance in Low-Voltage Power VDMOS Transistors“, Microelectronics Journal, Vol. 24, pp. 115-124, 1993.		
19	Z. D. Prijic, S. S. Dimitrijević, N. D. Stojadinović, „The Determination of Zero Temperature Coefficient Point in CMOS Transistors“, Microelectronics & Reliability, Vol. 32, pp. 769-773, 1992.		
20	Z. D. Prijic, S. S. Dimitrijević, N. D. Stojadinović, „Analysis of Temperature Dependence of CMOS Transistors' Threshold Voltage“, Microelectronics & Reliability, Vol. 31, pp. 33-37, 1991.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	119	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	25	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
Vienna University of Technology, Vienna, Austria, 1994. EPFL Lausanne, Lausanne, Switzerland, 2001.			
<b>Other data considered relevant</b>			
S. Ristić, A. Prijic, Z. Prijic, "Transport Phenomena in Heavily Doped Silicon" (in Serbian), University of Niš, Faculty of Electronic Engineering, 2001.			
Industrial and scientific cooperation with companies and universities from Austria, Switzerland and USA.			
Author/Coauthor of 19 verified technical innovations.			
Ei Holding Co. Niš, Vice-President, 2001.-2006.			
Ei-Microelectronics Niš, Production of semiconductor devices and ICs, 1987.-1990.			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Prijic P. Aneta		
<b>Title</b>	Assistant Professor		
<b>Specific scientific field</b>	Microelectronics and Microsystems		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	14.03.2011.	University of Niš, Faculty of Electronic Engineering	Microelectronics and Microsystems
PhD	26.12.2007.	University of Niš, Faculty of Electronic Engineering	Microelectronics and Microsystems
Diploma	08.07.1993.	University of Niš, Faculty of Electronic Engineering	Microelectronics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Semiconductor Devices		
2	Semiconductor Devices and Technologies		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	A. Prijic, D. Dankovic, Lj. Vracar, I. Manic, Z. Prijic, N. Stojadinovic, „A method for negative bias temperature instability (NBTI) measurements on power VDMOS transistors“, Measurement Science and Technology, Vol. 23, Art. No. 085003, (8pp), 2012.		
2	Lj. Vracar, A. Prijic, D. Vuckovic, Z. Prijic, „Capacitive Pressure Sensing Based Key in PCB Technology for Industrial Applications“, IEEE Sensors Journal, Vol. 12, No. 5, pp. 1496-1503, 2012.		
3	I. Manic, D. Dankovic, A. Prijic, V. Davidovic, S. Djoric-Veljkovic, S. Golubovic, Z. Prijic, N. Stojadinovic, „NBTI related degradation and lifetime estimation in p-channel power VDMOSFETs under the static and pulsed NBT stress conditions“, Microelectronics Reliability, Vol. 51, No. 9, pp. 1540-1543, 2011.		
4	N. Stojadinovic, D. Dankovic; I. Manic; A. Prijic; V. Davidovic; S. Djoric-Veljkovic; S. Golubovic, Z. Prijic, „Threshold Voltage Instabilities in p-Channel Power VDMOSFETs Under Pulsed NBT Stress“, Microelectronics Reliability, Vol. 50, No. 9, pp. 1278-1282, 2010.		
5	A. Prijic, Z. Prijic, B. Pesic, D. Pantic, S. Ristic, D. Manic, Z. Petrusic, „Design and Optimization of S-Type Thermal Cutoffs“, IEEE Trans. Components and Packaging Technologies, Vol. 31, No. 4, pp. 904-912, 2008.		
6	S. Ristic, Z. Prijic, S. Zivanovic, S. Mijalkovic, A. Trajkovic, „On the Effective Intrinsic Carrier Concentrations and Diffusivities in Heavily Doped Silicon“, Physica Status Solidi (a), Vol. 152, No. 2, pp. 499-509, 1995.		
7	D. Dankovic, I. Manic, V. Davidovic, A. Prijic, S. Djoric-Veljkovic, S. Golubovic, Z. Prijic, N. Stojadinovic, „Lifetime estimation in NBT-stressed p-channel power VDMOSFETs“, Facta Universitatis, Series: Automatic control and Robotics, University of Niš, Vol. 11, No. 1, pp. 15-23, 2012.		
8	A. Prijic, B. Pesic, Z. Prijic, D. Pantic, Z. Pavlovic, „3D Simulation of Electrical and Thermal Characteristics of Electric Contacts“, ELECTRONICS, Faculty of Electrical Engineering, University of Banja Luka, Republic Srpska, Vol. 6, No. 2, pp. 3-5, 2002.		
9	S. Ristic, Z. Prijic, S. Mijalkovic, S. Zivanovic, A. Trajkovic, „Koficijenti difuzije nosilaca naelektrisanja u jako dopiranom silicijumu“, Tehnika-Elektrotehnika, Vol. 44, No. 7-8, str. E1-E7, 1995.		
10	S- Ristic, A. Prijic, Z. Prijic, „Dependence of Static Dielectric Constant of Silicon on Resistivity at Room Temperature“, Serbian Journal of Electrical Engineering, Technical faculty of Čačak, Vol. 1, No. 2, pp. 237-247, 2004,		
11	A. Prijic, B. Pesic, Z. Prijic, D. Pantic, Z. Pavlovic, „Temperature and Yield Stress Characterization of Electric Contacts by 3D Numerical Simulation“, Serbian Journal of Electrical Engineering, Vol. 2, No. 1, pp. 77-91, 2005.		
12	D. Dankovic, A. Prijic, I. Manic, Z. Prijic, N. Stojadinovic, „Measurements of Negative Bias Temperature Instability (NBTI) in p-channel Power VDMOSFETs“, Proc. 11th International Seminar on Power Semiconductors (ISPS'12), pp. 240-245, Prague, Czech Republic, 2012.		

13	I. Manić, D. Danković, A. Prijić, V. Davidović, S. Đorić-Veljković, S. Golubović, N. Stojadinović, Z. Prijić, "NBTI related degradation and lifetime estimation in p-channel power VDMOSFETs under the static and pulsed NBT stress conditions", Proc. 22nd European Symposium on Reliability of Electron Devices, Failure Physics and Analysis (ESREF 2011), pp. 1540-1543, Bordeaux, France, 2011.		
14	A. Prijić, Z. Prijić, D. Vučković, A. Stanimirović, "AADL Modeling of M2M Terminal", Proc. 27th International Conference on Microelectronics (MIEL2010), IEEE, pp. 373-376, Niš, Serbia, 2010.		
15	I. Manić, D. Danković, S. Đorić-Veljković, A. Prijić, V. Davidović, S. Golubović, N. Stojadinović, Z. Prijić, "Negative Bias Temperature Instability in p-Channel Power VDMOSFETs Under Pulsed Bias Stress", Proc. 10th International Seminar on Power Semiconductors (ISPS'10), pp. 173-178, Prague, Czech Republic, 2010.		
16	N. Stojadinović, D. Danković, I. Manić, A. Prijić, V. Davidović, S. Đorić-Veljković, Z. Prijić, S. Golubović, "Threshold voltage instabilities in p-channel power VDMOSFETs under pulsed NBT stress", Proc. 21st European Symposium on Reliability of Electron Devices, Failure Physics and Analysis (ESREF 2010), pp. 1278-1282, Montecassino Abbey and Gaeta, Italy, 2010.		
17	A. Prijić, Z. Prijić, B. Pešić, D. Pantić, S. Ristić, „Analysis of Electrical and Thermal Characteristics of Thermal Cutoffs“, Proc. of XLII International Scientific Conference on Information, Communication and Energy Systems and Technologies -- ICEST 2007, Faculty of Technical Sciences, Bitola, Macedonia, pp. 827-830, Ohrid, Macedonia, June, 2007.		
18	A. Prijić, Z. Prijić, B. Pešić, „A New Method of Evaluation of Liquidus Temperatures of Ternary Alloys“, Proc. 25th International Conference on Microelectronics (MIEL2006), IEEE, pp. 395-399, Belgrade, Serbia and Montenegro, May, 2006.		
19	A. Prijić, B. Pešić, Z. Prijić, D. Pantić, Z. Pavlović, „3D Simulation of Electric Contacts – Temperatures and Yield Stress Distributions“, Proc. 7th International Symposium on Microelectronics Technologies and Microsystem - MTM`03, Technical University of Sofia, Bulgaria, pp. 57-62, Sofia-Sozopol, Bulgaria, September, 2003.		
20	A. Trajković, S. Ristić, Z. Prijić, S. Mijalković, „Einstein Relation and Transport Equations in Heavily Doped Silicon“, Proc. 21st International Conference on Microelectronics (MIEL'97), IEEE, pp. 177-180, Niš, SR Yugoslavia, September, 1997.		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	12	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	6	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			
S. Ristić, A. Prijić, Z. Prijić, „Transport of Carriers in Heavily Doped Silicon“, Monograph - in Serbian, University of Niš, Faculty of Electronic Engineering, 2001.			
Coauthor of 7 verified technical solutions			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Pronić-Rančić R. Olivera	
<b>Title</b>		Associate Professor	
<b>Specific scientific field</b>		Telecommunications	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	13.11.2007.	University of Niš, Faculty of Electronic Engineering	Telecommunications
PhD	5.7.2002.	University of Niš, Faculty of Electronic Engineering	Telecommunications
Diploma	7.12.1993.	University of Niš, Faculty of Electronic Engineering	Electronics and telecommunications
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Microwave electronics		
2	Satellite communication systems		
3			
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<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Zlatica Marinković, Olivera Pronić-Rančić, Vera Marković, "Artificial Neural Networks as a Tool for Improving Microwave Transistor Empirical Noise Models", Chapter 16 in „Artificial Intelligence and Hybrid Systems“ edited by Claudio Rocha, iConcept Press Ltd., 2012, ISBN: 978-14775547-3-9, in press (M13)		
2	Zlatica Marinković, Nenad Ivković, Olivera Pronić-Rančić, Vera Marković, Alina Caddemi, "Analysis and Validation of Neural Approach for Extraction of Small-Signal Models of Microwave Transistors," Microelectronics Reliability, Elsevier, vol.53, no. 3, March 2013, pp. 414–419 (M22)		
3	Zlatica Marinković, Olivera Pronić-Rančić, Vera Marković, "Small-Signal and Noise Modelling of Class of HEMTs Using Knowledge-Based Artificial Neural Networks," International Journal for RF and Microwave Computer-Aided Engineering, John Wiley & Sons, vol. 23, no. 1, January 2013, pp. 34-39 (M23)		
4	Olivera Pronić-Rančić, Zlatica Marinković, Vera Marković, "Bias dependant noise wave modelling procedure of microwave FETs," Journal of Electrical Engineering, vol. 63, no. 2, March - April 2012, pp. 119–123 (M23)		
5	Zlatica D. Marinković, Olivera R. Pronić, Vera V. Marković, "Bias Dependent Hybrid PKI Empirical - Neural Model of Microwave FETs", International Journal of Electronics, Volume 98, Issue 10, October 2011, pp. 1399-1409 (M23)		
6	Zlatica D. Marinković, Olivera R. Pronić-Rančić, Vera V. Marković, "ANN Applications in Improved Noise Wave Modeling of Microwave FETs", Microwave and Optical Technology Letters, Vol. 50, No. 10, 2008, pp. 2512-2516. (M23)		
7	Zlatica D. Marinković, Olivera R. Pronić, Jovana B. Randelović, Vera V. Marković, "Artificial Neural Networks for Temperature Dependent Noise Modelling of Microwave Transistors", International Journal of Electronics, Vol. 94, No. 8, 2007, pp. 759 – 767 (M23)		
8	Zlatica Marinković, Olivera Pronić, Vera Marković " Bias-dependent scalable modeling of microwave FETs based on artificial neural networks", Microwave and Optical Technology Letters, Vol. 48, No. 10, October 2006, pp. 1932-1936 (M23)		
9	O. Pronić, G. Mitić, J. Randelović, V. Marković: "Procedure for accurate noise modelling of microwave FETs versus temperature", Electronics Letters, Vol. 40, No. 24, 2004, pp.1551-1553 (M22)		
10	Olivera Pronić, Vera Marković: "A Wave Approach to Signal and Noise Modeling of Dual-Gate MESFET", AEÜ-Archiv für Elektronik und Übertragungstechnik (International Journal of Electronics and Communications), Vol. 56, No. 1, 2002, pp. 61-64 (M23)		
11	Vera Marković, Olivera Pronić, Zlatica Marinković, "Noise Wave Modeling of Microwave Transistors Based on Neural Networks", Microwave and Optical Technology Letters, Vol. 41 No. 4, May 2004, pp. 294-297 (M23)		
12	V. V. Marković, O. R. Pronić: "A Dual-Gate MESFET Noise Model Based on Noise Wave Temperatures", Journal of Communications Technology and Electronics, Maik Nauka/Interperiodica, 2004, Vol. 49, No. 10, pp.1195-1198 (M23)		
13	Olivera Pronić, Vera Marković, Bratislav Milovanović: "Numerically Efficient Green's Function for Planar Structures on Multilayered Dielectric in Cylindrical Enclosure", COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, Vol. 20, No. 4, pp.1055-1064, 2001. (M23)		

14	Olivera Pronić, Vera Marković, Nataša Maleš-Ilić: "The Wave Approach to Noise Modeling of Microwave Transistors by Including the Correlation Effect", Microwave and Optical Technology Letters, Vol. 28, No. 6, March 20, pp.426-430, John Wiley & Sons Inc., 2001. (M23)		
15	Vera Marković, Bratislav Milovanović, Olivera Pronić: "Determination of Complex Resonant Frequencies in Rectangular and Circular Cylindrical Rooms", Applied Acoustics, Vol. 59, No. 3, pp. 265-274, Elsevier Science, 2000. (M23)		
16	V. Marković, B. Milovanović, O. Pronić: "A New Approach for Solving the Nonuniform Sound Field in Circular Cylindrical Rooms", Technical Acoustics, Vol.4, No. 1, pp. 35-41, March 1999.		
17	Vera Marković, Bratislav Milovanović, Miroslava Milošević, Olivera Pronić: "Efficient Numerical Solution for Nonuniform Sound Field in a Rectangular Room", Acustica, Vol. 84, No. 3, pp.570-572, S. Hirzel Verlag, May/June 1998. (M23)		
18	Zlatica D. Marinković, Olivera R. Pronić-Rančić, Vera V. Marković, "Bias-dependent Models of Microwave transistors Based on PKI Artificial Neural Networks", Proceedings of the European Microwave Association, Vol. 4, Issue 1, 2008, pp. 82-87.		
19	Vera Marković, Dejan Krstić, Olivera Pronić - Rančić, Dušan Sokolović: "Safety of mobile communication system radiation – recent findings", International conference Safety of technical systems in living and working environment STS -11, Niš, Serbia, october 27 -28 2011, pp. 219-224. (M31)		
20	T. Kim, Z. Marinković, V. Marković, M. Milijić, O. Pronić-Rančić, L. Vitzorreck, "Efficient Modelling of an RF MEMS Capacitive Shunt Switch with Artificial Neural Networks," Proc. of URSI-B 2013 International Symposium on Electromagnetic Theory, Hiroshima, Japan, May, 2013 (M33)		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	90	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	15	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
<b>Other data considered relevant</b>			
Author of two university textbooks and one workbook. Reviewer of the international journals "IET Circuits, Devices and Systems" and "Wireless Networks" and a number of international and national conferences.			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Radenković N. Dragan	
<b>Title</b>		full professor	
<b>Specific scientific field</b>		Metrology and measuring technique	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	1997	University of Niš, Faculty of Electronic Engineering	Metrology and measuring technique
PhD	1992	University of Niš, Faculty of Electronic Engineering	Metrology and measuring technique
Diploma	1978	University of Niš, Faculty of Electronic Engineering	Electrical Engineering and Computer Science
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Sensors and measuring transducers		
2			
3			
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<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Stojcev, M., Petrovic, B., Radenkovic, D.: "Integral Measurement of Duty Cycle", Electronic Engineering, 12-1996.		
2	Stojcev, M., Radenkovic, D.: "Programmable Digital Phase Shifters", Electronic Engineering, October 1997.		
3	Pešić, M., Radenković, D., Arsić, M.: "Laboratory Model the Compensated System for Dissemination of Standard Signals via Satellite", Facta Universitatis, Ser. Electronics and Energetics, Vol.13 No. 1, April 2000.		
4	Relative Measurement Error Analysis in the Process of the Nakagami-m Fading Parameter Estimation, Vladeta Milenković, Dragan Denić, Mihajlo Stefanović, Stefan R. Panić, Dragan Radenković, Serbian Journal of Electrical Engineering, Vol. 8, No. 3, November 2011.		
5	Mihajlo Stefanovic, Sinisa Minic, Stefan Panic, Milos Peric, Dragan Radenkovic, Milan Gligorijevic, The CCI Effect on System Performance in Kappa-Mu Fading channels, TTEM Journal, Vol.7, No.1, 8/9 2012.		
6	Dragana Krstić, Stefan Panić, Goran Stamenovic and Dragan Radenković Multiple Co-Channel Interferers Effect on System Performances in Ricean Fading Channels ICICS 2012, The 3rd International Conference on Information and Communication Systems Irbid, JORDAN, April 2012		
7	D.Aleksic, M.Stefanovic, Z.Popovic, D.Radenkovic, J.Ristic, "On the K and KG fading channels", Serbian Journal of Electrical Engineering, 2009, vol. 6, No. 1		
8	Dragana Krstić, Petar Nikolić, Dragan Radenković, "The Performances of Complex SSC/MRC Combiner in the Presence of Rayleigh Fading", Network Protocols and Algorithms, ISSN 1943-3581, 2012, Vol. 4, No. 3.		
9	Dragana Krstić, Petar Nikolić, Zoran Milić, Dragan Radenković, Mihajlo Stefanović, "Bit Error Rate of MRC Receiver for BPSK Signals in the Presence of G Fading", TELFOR 2011, Beograd, 22-24. novembar 2011		
10	Mladenovic, V., Radenkovic, D., „The Characteristics Of The Phase And Derivation Of The Phase When Fading Is Present“, International Conference on Communication, Computer and Power - ICCCP'05, (IEEE-Conference), Oman, 15.02.2005. session 7 CSP.		
11	D.Radenković, B.Dimitrijević, "Compensation of the effect due to the TV satellite position variation within time and frequency standards dissemination", Internationales Wissenschaftliches Kolloquium, Technische Hochschule Ilmenau, Ilmenau, 21-24.10.1991.		
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<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	1	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	1	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			
<p>Dragan Radenković won the gold medal in 1979 for innovation "Time electronic lock" on international patent and technical innovation fair in Geneva. Also, he won the gold plaque in 1981 from Union of inventors and authors of technical improvements in Yugoslavia for significant achievements in development and invention improvement and innovations application. Dragan Radenković won Annual price from Radio and Television Serbian broadcasting for his doctoral disertation.</p>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Raičević B. Nebojša	
<b>Title</b>		Assistant professor	
<b>Specific scientific field</b>		Theoretical electrical engineering	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	11.10.2011.	Faculty of Electronic Engineering	Theoretical electrical engineering
PhD	17.11.2010	Faculty of Electronic Engineering	Theoretical electrical engineering
Diploma	03.03.1989.	Faculty of Electronic Engineering	Theoretical electrical engineering
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Electromagnetics		
2	Power engineering cable technique		
3			
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<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Nebojsa B. Raicevic, Slavoljub R. Aleksic and Sasa. S. Ilic, "One numerical method to determine improved cable terminations", Electric Power Systems Research, ELSEVIER, Vol. 81, No. 4, pp. 942-948, April 2011. DOI: 10.1016/j.epsr.2010.11.019. ISSN: 0378-7796.		
2	Nebojsa B. Raicevic, Slavoljub R. Aleksic, "One method for electric field determination in the vicinity of infinitely thin electrode shells", Engineering Analysis with Boundary Elements, ELSEVIER, Vol. 34, Issue (No.) 2, pp. 97-104, February 2010. DOI:10.1016/j.enganabound.2009.08.002. ISSN: 0955-7997.		
3	Nebojša B. Raičević, Slavoljub R. Aleksić and Saša S. Ilić, "Hybrid Boundary Element Method for Multi-layer Electrostatic and Magnetostatic Problems", Electromagnetics, TAYLOR & FRANCIS, Vol. 30, No.6, pp. 507-524, August 2010. DOI:10.1080/02726343.2010.499067. ISSN: 0272-6343.		
4	Bojana R. Petković, Saša S. Ilić, Slavoljub R. Aleksić, Nebojša B. Raičević and Dragan S. Antić, "A Novel Approach to the Positive DC Nonlinear Corona Design", Electromagnetics, TAYLOR & FRANCIS, Vol. 31, Issue (No.) 7, pp. 505-524, October 2011. DOI:10.1080/02726343.2011.607106. ISSN: 0272-6343.		
5	Saša S. Ilić, Slavoljub R. Aleksić, Nebojša B. Raičević, "TEM analysis of vertical broadside symmetrically coupled strip lines with anisotropic substrate", International Journal of Applied Electromagnetics and Mechanics, IOS PRESS, Vol. 37, No. 2-3, pp. 207-214, October 2011. DOI:10.3233/JAE-2011-1392. ISSN: 1383-5416.		
6	Nebojsa B. Raicevic, Slavoljub R. Aleksic, "One Method For Magnetic Multilayer Systems Determination", Monograph in: Computer Field Models of Electromagnetic Devices (Edited by Sławomir Wiak, Ewa Napieralska-Juszczak), ISBN 978-1-60750-603-4, Studies in Applied Electromagnetics and Mechanics, IOS PRESS, Amsterdam, The Netherlands, Vol.34, chapter 4: Computational Techniques, pp. 220-227, November 2010, DOI:10.3233/978-1-60750-604-1-220, ISSN:1383-7281.		
7	Nebojša B. Raičević, "Conformal Mapping and Equivalent Electrodes Method Application on Electric Field Determination at Cable Accessories", Discrete and Computational Mathematics (Book), chapter 14, pp. 205-214, NOVA SCIENCE PUBLISHERS, New York, USA, 2008, ISBN: 1-60021-810-5		
8	Nebojša B. Raičević, "Electrical Field Modelling at the Cable Joints", Facta Universitatis (Nis), series: electronics and energetics, Vol. 20, No. 1, pp. 9-20, april 2007. ISSN: 0353-3670.		
9	Radiša M. Dimitrijević, Dragan S. Tasić, Nebojša B. Raičević, Slavoljub R. Aleksić and Neda Pekarić Nađ, "Analysis of a MV XLPE Cable Termination Design with Embedded Electrodes", Facta Universitatis (Nis), series: electronics and energetics, Vol. 23, No. 1, pp. 99-117, april 2010.		
10	Nebojsa Raicevic, Slavoljub Aleksic, Sasa Ilic, "New EEM/BEM Hybrid Method for Electric Field Calculation in Cable Joints", International Journal of World Academy of Science, Engineering and Technology, Issue 55 (http://www.waset.org/journals/waset/v55.php), No. 79, paper 117, pp. 599-604, July 2011.		
11	Nebojša RAIČEVIĆ, Slavoljub ALEKSIĆ, "Electric Field Regulation at the Cable Accessories Using One New Numerical Approach", Acta Electrotechnica et Informatica, Vol. 7, No. 1, pp. 29-36, 2007. ISSN: 1335-8243.		

12	Nebojsa Raicevic, Teodoros Prokic, Vladan Golubovic, "Numerical Calculation of Coils Filled With Bianisotropic Media", International Journal of World Academy of Science, Engineering and Technology, Issue 68 ( <a href="http://www.waset.org/journals/waset/v68.php">http://www.waset.org/journals/waset/v68.php</a> ), No. 68, paper 30, pp. 166-177, August 2012, ISSN:2010-376X.
13	M. Peric, S. Ilic, S. Aleksic, N. Raicevic, "Analysis of 2D Symmetrically Coupled Vertical Microstrip Lines between Two Infinite Grounded Planes", Anghnals of the University of Craiova (Electrical Engineering series), Faculty of Electrical Engineering, University of Craiova, Craiova, Romania, No. 36, pp. 1-5, October 2012, ISSN 1842-4805.
14	Nebojša B. Raičević, "Proračun električnog polja kod kablovskih spojnica", ELEKTROPRIVREDA - časopis zajeznice jugoslovenske elektroprivrede , No 4, str. 35-41, oktobar-decembar, 1999, YuISSN : 0013-5755.
15	Perić, M. T., Ilić, S. S., Aleksić, S. R., Raičević, N. B., Petrov R. V., Tatarenko A. S., Bichurin M. I., "Analysis of stripline placed vertically between two parallel infinite grounded planes using Hybrid boundary element method", The Fundamental Research, Academy of natural history, Moscow, Russia, No. 1, Vol. 1, pp. 185-190, 2013, ISSN 1812-7339, [Online] <a href="http://www.rae.ru/fs/pdf/2013/1-1/30924.pdf">http://www.rae.ru/fs/pdf/2013/1-1/30924.pdf</a> . (in Russian).
16	Saša S. Ilić, Mirjana T. Perić, Slavoljub R. Aleksić and Nebojša B. Raičević, "Quasi TEM Analysis of 2D Symmetrically Coupled Strip Lines with Finite Grounded Plane using HBEM", Proceedings of Papers of the The 15th International IGTE Symposium on Numerical Field Calculation in Electrical Engineering, IGTE 2012, pp. 73-77, Graz, Austria, 17-19 September, 2012, ISBN: 978-3-85125-258-3.
17	Saša S. Ilić, Slavoljub R. Aleksić, Nebojša B. Raičević, "TEM Analysis of Multilayered Transmission Lines Using New Hybrid Boundary Element Method", Proceedings of Papers of the 10 International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, TELSIS 2011, Vol. 2, pp. 428-431, Nis, Serbia, 5-8 October, 2011. ISBN: 978-1-4577-2017-8. IEEE Catalog number: CPF11488-CDR. DOI: 10.1109/TELSIS.2011.6143236.
18	Nebojsa Raicevic, Dragan Tasic, Sasa Ilic, Slavoljub Aleksic, "New EEM/BEM Hybrid Method for Electric Field Calculation in Cable Terminations", CD Proceedings of full papers, International Conference on Computer as a Tool, EUROCON 2011, FRB1-Paper 245 (Abstract in book of abstracts, pp. 139), Lisbon, Portugal, 27-29 April, 2011
19	Nebojsa B. Raicevic, Slavoljub R. Aleksic, "One Method For Magnetic Multilayer Systems Determination", Proceedings of Papers of the XIV International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering, ISEF 2009, paper 005 (on CD), Arras, France, 10-12 September, 2009.
20	N. B. Raicevic, S. S. Ilic: "One Hybrid Method Application on Complex Media Strip Lines Determination", Proc. of 3rd International Congress on Advanced Electromagnetic Materials in Microwaves and Optics, METAMATERIALS 2009, p.p 698-700, London, United Kingdom, August 30th - September 04th, 2009. ISBN 978-0-9551179-6-1.

**Cumulative data of the scientific activity of the lecturer**

Total number of citations	8	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	8	Number of international projects at which the lecturer currently participates	2

**Specializations**

Nebojsa Raicevic was the holder of the DAAD scholarships for PhD students during his stay at the Technical University of Ilmenau, Germany in 2001, 2004. and 2006. He participated in two summer schools and five PhD seminars in the field of electromagnetic computation, organized within the framework of international projects. He passed exams with honors and defended his paper at the PhD seminar "European School of Antennas", held in 2007. in Gothenburg dedicated to new materials: "Artificial EBG surfaces and metamaterials for antennas." He finished the course in electromagnetic compatibility.

**Other data considered relevant**

He has received international recognition at the conference "EMC EUROPE 2006" for the best paper in the poster session. Also at the XXIV Symposium JUKO CIGRE in Vrnjacka Banja, Oct. 1999. he was awarded for the best work in the session. He is one of the authors of the new technical solution of cable accessories with reduced stress on dielectrics and a new numerical hybrid boundary element method (HBEM) that can be successfully applied both in the calculation of electromagnetic fields, and in the field of thermal fields. He participated in the organization and proceedings editing of a number of ПЕC Conferences: ПЕC 90, ПЕC 96, ПЕC 2001, ПЕC 2003, ПЕC 2005, ПЕC 2007, ПЕC 2009, and CEMBEF 2009. He participated in seven research projects funded by the Ministry of Science of the Republic of Serbia in the field of electromagnetics, microwave and optical communication technology, environment, lighting, energy efficiency, and cable terminations and joints. In the period of 2000-2004 he participated in the project "Theoretical Electrical Engineering" sponsored by the DAAD. In the years 2005 and 2006 he participated in the project "Electrical Engineering (EE)," a joint project of the Faculty of Electronic Engineering in Niš (Serbia), Technical University of Ilmenau (Germany) and the Technical University of Sofia (Bulgaria). He participated in the project "ELISE - University Network for academic training in EE & IT in Southeast Europe (SEE)." He is a member of the Faculty Council Committee for Quality Assurance of the Faculty of Electronic Engineering in Niš.


## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Ristić S. Goran	
<b>Title</b>		Professor	
<b>Specific scientific field</b>		Applied physics	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	02.03.2009.	University of Niš, Faculty of Electronic Engineering	Applied physics
PhD	28.06.1998.	University of Niš, Faculty of Electronic Engineering	Applied physics
Diploma	01.06.1990.	University of Niš, Faculty of Natural Science and Mathematics	Physics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Physics of ionized gases		
2	Solid state physics		
3	Radiation physics		
4	Devices of vacuum and gas electronics		
5	Medical physics		
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	G.S. Ristić, N.D. Vasović, A.B. Jakšić, "The fixed oxide traps modelling during isothermal and isochronal annealing of irradiated RADFETs", Journal of Physics D: Applied Physics, 45, 305101 (11pp) (2012)		
2	N.D. Vasović, G.S. Ristić, "A switching system based on microcontroller for successive applying of MGT and CPT on MOSFETs", Measurement, 45, 1922–1926 (2012)		
3	N.D. Vasović, G.S. Ristić, "A new microcontroller-based RADFET dosimeter reader", Radiation Measurements 47 (4), 272-276 (April 2012)		
4	M. Todorović, N.D. Vasović, G.S. Ristić, "A system for gas electrical breakdown time delay measurements based on a microcontroller", Measurement Science & Technology, 23 (1) 015901 (9pp) (2012)		
5	G.S. Ristić, "Defect behaviors during high electric field stress of p-channel power MOSFETs", IEEE Trans. on Device and Materials Reliability, 12 (1), 94 – 100 (March 2012) (doi: 10.1109/TDMR.2011.2168399)		
6	G.S. Ristić, N.D. Vasović, M. Kovačević, A.B. Jakšić, "The sensitivity of 100 nm RADFETs with zero gate bias up to dose of 230 Gy(Si)", Nuclear Instruments and Methods in Physics Research. Section B: Beam Interactions with Materials and Atom, 269, 2703 – 2708 (2011)		
7	G.S. Ristić, "Thermal and UV annealing of irradiated pMOS dosimetric transistors", Journal of Physics D: Applied Physics, 42, 135101 (12pp) (2009)		
8	G.S. Ristić, "Influence of ionizing radiation and hot carrier injection on metal-oxide-semiconductor transistors", Journal of Physics D: Applied Physics, Topical Review, 41, pp. 023001 (19 pp) (2008)		
9	G. S. Ristić, M. M. Pejović, A. B. Jakšić, "Defect behaviors in n-channel power VDMOSFETs during HEFS and thermal post-HEFS annealing", Applied Surface Science, 252, pp. 3023-3032 (2006)		
10	G.S. Ristić, M.M. Pejović, A.B. Jakšić, "Fowler-Nordheim high electric field stress of power VDMOSFETs", Solid-State Electronics, 49 (7), pp. 1140-1152 (2005)		
11	W. Zhao, G. Ristić, J. A. Rowlands, "X-ray imaging performance of structured cesium iodide scintillators", Medical Physics, 31(9), pp. 2594-2605 (2004)		
12	G. S. Ristić, M. M. Pejović, A. B. Jakšić, "Comparison between post-irradiation annealing and post-high electric field stress annealing of n-channel power VDMOSFETs", Applied Surface Science, 220, pp. 181-185 (2003)		
13	A. Jakšić, G. Ristić, M. Pejović, A. Mohammadzadeh, C. Sudre, and W. Lane, "Gamma-ray irradiation and post-irradiation responses of high dose range RADFETs", IEEE Trans. Nuclear Science, 49 (3), pp. 1356-1363 (2002)		
14	M. M. Pejović, G. S. Ristić, J. P. Karamarković, "Electrical breakdown in low pressure gases", Journal of Physics D: Applied Physics, Topical Review, 35, R91-R103 (2002)		
15	M. M. Pejović, G. S. Ristić, "Analysis of mechanisms which lead to electrical breakdown in argon using the time delay method", Physics of Plasmas, 9 (1), pp. 364-370 (2002)		
16	G. S. Ristić, M. Pejović, A. Jakšić, "Modelling of kinetics of creation and passivation of interface traps in metal-oxide-semiconductor transistors during postirradiation annealing", Journal of Applied Physics, 83 (6), pp. 2994-3000, 1998		
17	G. Ristić, A. Jakšić, M. Pejović, "pMOS dosimetric transistors with two-layer gate oxide", Sensors and Actuators: A. Physical, A 63, pp. 129-134, 1997		

18	G. Ristić, S. Golubović, M. Pejović, "Sensitivity and fading of pMOS dosimeters with thick gate oxide", Sensors and Actuators: A. Physical, A 51, pp. 153-158, 1996
19	G. Ristić, S. Golubović, M. Pejović, "P-channel metal-oxide-semiconductor dosimeter fading dependencies on gate bias and oxide thickness", Applied Physics Letters, 66 (1), pp. 88-89, 1995
20	G. Ristić, S. Golubović, M. Pejović, "pMOS transistors for dosimetric application", Electronics Letters, 29 (18), pp. 1644-1646, 1993
<b>Cumulative data of the scientific activity of the lecturer</b>	
Total number of citations	197
Total number of papers at the SCI (SSCI) list	59
Number of domestic projects at which the lecturer currently participates	
2	
Number of international projects at which the lecturer currently participates	
0	
<b>Specializations</b>	
University of Toronto, Department of Medical Biophysics and Medical Imaging, Toronto, Canada (2 years)	
<b>Other data considered relevant</b>	



## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Marinković D. Sladjana	
<b>Title</b>		Associate professor	
<b>Specific scientific field</b>		Mathematics	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	04. 07. 2011.	Faculty of Electronic Engineering, University of Niš	Mathematics
PhD	30. 11. 2005.	Faculty of Sciences and Mathematics, University of Niš	Mathematics
Diploma	15. 02. 1986.	Faculty of Philosophy, University of Niš -- Mathematics department	Mathematics
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Mathematics methods of optimization		
2			
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	S.D. Marinković, M.S. Stanković, P.M. Rajković, <i>Functions induced by iterated deformed Laguerre derivative: analytical and operational approach</i> , Abstract and Applied Analysis, Vol. 2012, Article ID 190726, 17 pages (2012). doi:10.1155/2012/190726.		
2	M.S. Stanković, S.D. Marinković, P.M. Rajković, <i>The deformed and modified Mittag-Leffler polynomials</i> , Mathematical and Computer Modelling, Vol. 54, pp.721–728 (2011).		
3	M.S. Stanković, S.D. Marinković, P.M. Rajković, <i>The deformed exponential functions of two variables in the context of various statistical mechanics</i> , Applied Mathematics and Computation, Vol. 218, pp. 2439–2448 (2011).		
4	M.S. Stanković, P.M. Rajković, S.D. Marinković, <i>On the fractional <math>q</math>-derivative of Caputo type</i> , Comptes rendus de l'Academie bulgare des Sciences, Vol. 63, No. 2, pp. 1-8 (2010).		
5	P.M. Rajković, S.D. Marinković, M.S. Stanković, <i>A generalization of the concept of <math>q</math>-fractional integrals</i> , Acta Mathematica Sinica, English Series, Vol. 25, No. 10, pp. 1635-1646 (2009).		
6	S.D. Marinković, P.M. Rajković, M.S. Stanković, <i>The inequalities for some types of <math>q</math>-integrals</i> , Computers and Mathematics with Applications, Vol. 56, No. 10, pp. 2490--2498 (2008).		
7	W.Koepf, P.M.Rajkovic, S.D.Marinkovic, <i>Properties of <math>q</math>-holonomic functions</i> , Journal of Difference Equations and Applications, Vol. 13, No. 7, pp. 621–638 (2007).		
8	P.M. Rajković, S.D. Marinković, M.S. Stanković, <i>On <math>q</math>-orthogonal polynomials over a collection of complex origin intervals related to little <math>q</math>-Jacobi polynomials</i> , Ramanujan Journal, Vol. 12, No. 2, pp. 245-255 (2006).		
9	P.M. Rajković, S.D. Marinković, M.S. Stanković, <i>On <math>q</math>-Newton-Kantorovich method for solving systems of equations</i> , Applied Mathematics and Computation, Vol. 168, pp. 1432-1448 (2005).		
10	S.D.Marinkovic, P.M.Rajkovic, <i>The <math>q</math>-analogues of Laguerre polynomials over a collection of complex origin intervals</i> , Integral Transforms and Special Functions, Vol. 16, No. 2, pp. 159-169 (2005).		
11	P.M. Rajković, S.D. Marinković, M.S. Stanković, <i>Fractional integrals and derivatives in <math>q</math>-calculus</i> , Applicable Analysis and Discrete Mathematics, Vol. 1, pp. 311--323 (2007).		
12	P.M. Rajković, S.D. Marinković, M.S. Stanković, <i>The <math>q</math>-gradient method</i> , International Symposium "Geometric Function Theory and Applications", Sofia,2010., pp. 240--244, (2010).		
13	P.M. Rajković, S.D. Marinković, M.S. Stanković, <i>Diferencijalno-integralni račun bazičnih hipergeometrijskih funkcija, monografija, Mašinski fakultet u Nišu, 2008.</i>		
14	Љ.М.Коцић, Г.В.Миловановић, С.Д.Маринковић, <i>Операциона истраживања</i> , Електронски факултет у Нишу, 2008.		
15	B. Danković, P.M. Rajković, S.D. Marinković, <i>On a class of almost orthogonal polynomials</i> , Lecture Notes in Computer Science Vol. 5434, Springer-Verlag, pp. 241-248 (2009).		
16	S. Marinković, M. Stanković, E. Mulalić, <i>The Deformed Trigonometric Functions of two Variables</i> , Mathematica Balkanica New Series, Vol. 26, Fasc. 1-2, pp. 147-158 (2012).		
17	S.D. Marinković, B. Danković, M.S. Stanković, P.M. Rajković, <i>Orthogonality of some sequences of the rational functions and the Müntz polynomials</i> , Journal of Computational and Applied Mathematics, Vol. 163, pp. 419-427 (2004)		
18	P.M. Rajković, M.S. Stanković, S.D. Marinković, <i>A method for numerical evaluating of inverse Z-transform</i> , Facta Universitatis: Series Mehanics, Automatics control and Robotics, Vol. 4, No. 16, pp. 133-139 (2004).		

19	P.M. Rajković, M.S. Stanković, S.D. Marinković, <i>On q-iterative methods for solving equations and systems</i> , Novi Sad Journal of Mathematics, Vol. 33, No. 2, pp. 127-137 (2003).		
20	P.M. Rajković, M.S. Stanković, S.D. Marinković, <i>Mean value theorems in q-calculus</i> , Matematički vesnik, Vol. 54, pp. 171-178 (2002).		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	89	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	11	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>		Stajić P. Zoran	
<b>Title</b>		Full professor	
<b>Specific scientific field</b>		Power engineering	
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	11.12.2012.	University of Nis, Faculty of Electronic Engineering	Power engineering
PhD	12.10.2001.	University of Nis, Faculty of Electronic Engineering	Power engineering
Diploma	20.05.1993.	University of Nis, Faculty of Electronic Engineering	Industrial power engineering
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Electrical Machines and Energy Efficiency		
2	Electrical Machines and Transformes - Selected Chapters		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Miloš Božić, Miloš Stojanović, Zoran Stajić, Nenad Floranović, "Mutual Information-Based Inputs Selection for Electric Load Time Series Forecasting", International and interdisciplinary open access journal "Entropy" - published online, 15(3), pp. 926-942, February 2013, doi:10.3390/e15030926, ISSN 1099-4300.		
2	Miloš B. Stojanović, Miloš M. Božić, Zoran P. Stajić, Marko Milošević, "LS-SVM model for electrical load prediction based on incremental training set update", PRZEGLĄD ELEKTROTECHNICZNY (Electrical Review), ISSN 0033-2097 (in press accepted proof).		
3	Miloš B. Stojanović, Miloš M. Božić, Milena M. Stanković, Zoran P. Stajić, "Adaptive Least Squares Support Vector Machines Method for Short-Term Load Forecasting Based on Mutual Information for Inputs Selection", International Review of Electrical Engineering (I.R.E.E.), Publisher: Praise Worthy Prize, Vol. 7, No. 1, pp. 3574-3585, Part B, Februar 2012, ISSN 1827-6660.		
4	Aleksandar Janjić, Zoran P. Stajić, Ivan Radović, "Power Quality Requirements for the Smart Grid Design", International Journal of Circuits, systems and signal processing, Publisher: North Atlantic University Union (NAUN), Issue 6, Volume 5, pp. 643-651, 2011, ISSN 1998-4464.		
5	Aleksandar Janjić, Vladica Aleksić, Zoran P. Stajić, "Distribution Network Maintenance Prioritization Using Fuzzy Influence Diagram", accepted for publishing in volume 14 (2011)4 of Communications in Dependability and Quality Management, An International Journal, 2011, Publisher: The Research Center of Dependability and Quality Management, ISSN: 1450-7196.		
6	Aleksandar Janjić, Zoran P. Stajić, "Multiobjective Planning of Optimal Type and Number of Vehicles in a Distribution Utility Using Fuzzy Logic", Communications in Dependability and Quality Management, An International Journal, Vol. 14, No. 2, June 2011, pp. 17-25, Publisher: The Research Center of Dependability and Quality Management, ISSN: 1450-7196.		
7	Zoran P. Stajić, Milan Radić, "An Example of Extreme Increase of Pump Stations Energy Efficiency", Communications in Dependability and Quality Management, An International Journal, Vol. 11, No. 2, June 2008, pp. 45-50, Publisher: The Research Center of Dependability and Quality Management, ISSN: 1450-7196.		
8	V. Aleksić, Z. P. Stajić, M. Radić, "Protection of Distributive Power Transformers and the Professional Risk", Facta Universitatis, Series: Working and living environmental protection, Vol. 3, No. 1, pp. 15-26, 2006.		
9	Z. P. Stajić, V. Milenković, "A Measuring Information System for Pump Station Controlling in Function of Preventive Engineering", Facta Universitatis, Series: Working and living environmental protection, Vol. 3, No. 1, pp. 73-81, 2006.		
10	Z. P. Stajić, D. S. Petrović, D. B. Arnautović, "Starting Generator Driving Torque Modelling in the Studies of Synchronous Starting of Synchronous Machines", Facta Universitatis, Series: Electronics and Energetics, Vol. 15, No. 3, December 2002.		
11	Đ. R. Vukić, Z. P. Stajić, "Rotor Voltage Influence on the Characteristics of Double Fed Induction Motor", Buletinul Stientific al Universtatii "Politehnica" din Timisoara, Transactions on Electrotechnics, Electronics and Communications", Vol. 42 (56), pp. 25-32, December 1997. (ISSN 1224-6034)		
12	Z. P. Stajić, D. S. Petrović, Đ. R. Vukić, "Mathematical Modeling of Synchronous Starting of Synchronous Machines in Three-Machine Systems - a MATHEMATICA Approach", Buletinul Stientific al Universtatii "Politehnica" din Timisoara, Transactions on Automatic Control and Computer Science", Vol. 42 (56), pp. 171-178, December 1997. (ISSN 1224-600X)		

13	P. D. Rančić, Z. P. Stajić, B. S. Tošić, and Đ. R. Đorđević, "Analysis of Linear Ground Electrodes Placed in Vertical Three-Layer Earth", IEEE Trans. on Magnetics, Vol. 32, No. 3, pp. 1505-1508, May 1996.	
14	Z. P. Stajić, P. D. Rančić, B. S. Tošić, and Đ. R. Đorđević, "Quasi-Stationary Analysis of Star and Polygonal Linear Grounding Structures", COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, Vol. 14, No. 4, pp. 319-323, December 1995.	
15	P. D. Rančić, S. Ž. Đokić, and Z. P. Stajić, "Vertical Ground Rod (VGR) in Inhomogeneous Earth of Sectoral Type", Electronics Letters, Vol. 30, No. 19, pp. 1562-1564, September 15th, 1994.	
16	M. Radić, D. Nikolić, Z. P. Stajić, Đ. Vukić: „Praktičan primer povećanja energetske efikasnosti malih pumpnih stanica reprojekovanjem, rad objavljen u časopisu Poljoprivredna tehnika, Godina XXX, br. 2, str. 43-52, Decembar 2005. (YU ISSN 0554-5587)	
17	M. Vukić, Z. Stajić, Đ. Vukić, N. Radovanović, Đ. Ercegović, "Laboratorijsko postrojenje za prečišćavanje i magnetnu obradu otpadnih voda", Poljoprivredna tehnika, Godina XXVIII, br. 1, STR. 91-97, Decembar 2005. (YU ISSN 0554-5587)	
18	Đ. Vukić, B. Radičević, Z. P. Stajić, "Karakteristike asinhronne mašine sa dvostranim napajanjem i primene za korišćenje energije vetra", časopis "Traktori i pogonske mašine", Vol. 9, br. 3, str. 72-76, 2004.	
19	Z. Stajić, N. Milčić, M. Vukić, Đ. Vukić, "Elektromagnet sa pokretnim jarmom za magnetnu obradu voda", Poljoprivredna tehnika, Godina XXVII, br. 1/2, str. 101-107, Decembar 2003. (YU ISSN 0554-5587)	
20	Z. P. Stajić, D. S. Petrović, D. B. Arnautović, "Određivanje oblika funkcije pogonskog momenta startnog generatora na osnovu snimaka sinhronog pokretanja", Elektro-privreda, br. 3, str. 5-10, Jul-Septembar 2001. (YU ISSN 0013-5755)	
<b>Cumulative data of the scientific activity of the lecturer</b>		
Total number of citations	Number of domestic projects at which the lecturer currently participates	5
Total number of papers at the SCI (SSCI) list	5 Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>		
<b>Other data considered relevant</b>		

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>				Stefanović Č. Dimitrije			
<b>Title</b>				Professor			
<b>Specific scientific field</b>				Optoelectronics, Science of materials			
<b>Academic career</b>							
		<b>Date</b>		<b>Institution</b>		<b>Field</b>	
<b>Election</b>		28.03.1991		University of Niš, Faculty of Electronic Engineering		Electronic Materials	
<b>PhD</b>		15.06.1980		University of Niš, Faculty of Electronic Engineering		Electronic Materials	
<b>Diploma</b>		01.09.1974		University of Niš, Faculty of Electronic Engineering		Electron Devices	
<b>List of courses the lecturer holds at study programs of doctoral studies</b>							
<b>Number</b>	<b>The name of the course</b>						
1	Optoelectronics						
2	Prognosis of materials for electronics						
3							
4							
5							
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>							
1	L.F. Pryadko, M.M. Ristić & D.Č. Stefanović, "Struktura i svojstva splavov prehodnih metalov v svete korrelacionnoj teoriji" ("Structure and properties of alloys of transition metals from the standpoint of the correlation theory"), Monografii, tom. DLVII, Serbskaya Akademiya Nauk i Iskusstv, Otdelenie tehničkih nauk, knj. 25-1984, Beograd, 1984. (pp. 1 - 32) (in Russian).						
2	M.M. Ristić, D.Č. Stefanović & L.F. Pryadko, "Principi savremene prognoze osobina materijala" ("The principles of modern prognosis of materials properties"), Monography, CMS-SANU, Belgrade, 1983. (pp. 1 - 116). (in Serbocroatian).						
3	D.Č. Stefanović and M.M. Ristić, "A Study of the Consolidation Process by Measurement of the Work Function of Electrons", Science of Sintering, 8, 163 - 168 (1976, No.2).						
4	D.Č. Stefanović and M.M. Ristić, "A Study of the Consolidation Process by Measurement of the Absolute Thermoelectromotor Force", Science of Sintering, 9, 209 - 214 (1977, No.2).						
5	D.Č. Stefanović and M.M. Ristić, "A Contribution to Investigating the Consolidation Process based on the Electronic Structure of Solids", Materials Science Monographs (Elsevier), 4, 8 - 17 (1979).						
6	D.Č. Stefanović, S. Pejović, V. Petrović and M.M. Ristić, "Shrinkage Anisotropy taking Place during Sintering regarded from Standpoint of Electronic Theory", Materials Science Research (Plenum Press), 13, 167 - 174 (1980).						
7	D.Č. Stefanović and S. Pejović, "Determination of Content of Lanthanum PLZT Ceramic on the Basis of Measurement of Rotation Angle of Polarized Light Plane", Science of Sintering, 14, 117 - 120 (1982, No.3).						
8	D.Č. Stefanović, M.M. Ristić and V. Petrović, "Solid-State Electron-Configuration Model for Sintering of the Zr-Nb System", High Temperature - High Pressures, 14, 11 - 20 (1982).						
9	D.Č. Stefanović and M.M. Ristić, "The Consolidation of Dispersive Powders during the Pressing Process", Powder Technology (Elsevier), 30, 37 - 50 (1981).						
10	D. Stefanović, I. Stefanović, D. Blagojević, "The envelope of the family of composition curves", Facta Universitatis, series: mathematics and informatics, 15, 147 - 153 (2000).						
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
<b>Cumulative data of the scientific activity of the lecturer</b>							
<b>Total number of citations</b>		45		<b>Number of domestic projects at which the lecturer currently participates</b>		2	
<b>Total number of papers at the SCI (SSCI) list</b>		30		<b>Number of international projects at which the lecturer currently participates</b>		0	
<b>Specializations</b>							
SSSR, USA, England							

Other data considered relevant



## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Stefanović Č. Mihajlo		
<b>Title</b>	Professor		
<b>Specific scientific field</b>	Telecommunications		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	24.05.1990.	University of Niš, Faculty of Electronic Engineering	Telecommunications
PhD	10.09.1979.	University of Niš, Faculty of Electronic Engineering	Telecommunications
Diploma	01.06.1971.	University of Niš, Faculty of Electronic Engineering	Telecommunications
<b>List of courses the lecturer holds at study programs of doctoral studies</b>			
<b>Number</b>	<b>The name of the course</b>		
1	Theory of telecommunications		
2	Detection of signals in noise		
3			
4			
5			
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>			
1	Sekulovic Nikola M, <b>Stefanovic Mihajlo C</b> (2012) Performance Analysis of System with Micro- and Macrodiversity Reception in Correlated Gamma Shadowed Rician Fading Channels, WIRELESS PERSONAL COMMUNICATIONS, vol. 65, br. 1, str. 143-156		
2	Cvetkovic Aleksandra M, Djordjevic Goran T, <b>Stefanovic Mihajlo C</b> (2011) Performance of interference-limited dual-hop non-regenerative relays over Rayleigh fading channels, IET COMMUNICATIONS, vol. 5, br. 2, str. 135-140		
3	<b>Stefanovic Mihajlo C</b> , Draca Dragan Lj, Panajotovic Aleksandra S, Sekulovic Nikola M (2010) Performance analysis of system with L-branch selection combining over correlated Weibull fading channels in the presence of cochannel interference, INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS, vol. 23, br. 2, str. 139-150		
4	Panic Stefan R, <b>Stefanovic Mihajlo C</b> , Mosaic Aleksandar V (2009) Performance analyses of selection combining diversity receiver over alpha-mu fading channels in the presence of co-channel interference, IET COMMUNICATIONS, vol. 3, br. 11, str. 1769-1777		
5	<b>Stefanovic Mihajlo C</b> , Milovic Daniela M, Mitic Aleksandra M, Jakovljevic Marjan A (2008) Performance analysis of system with selection combining over correlated Weibull fading channels in the presence of cochannel interference, AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol. 62, br. 9, str. 695-700 (Article)		
6	Bandjur Djoko V, <b>Stefanovic Mihajlo C</b> , Bandjur Milos V (2008) Performance analysis of SSC diversity receiver over correlated Ricean fading channels in presence of co-channel interference, ELECTRONICS LETTERS, vol. 44, br. 9, str. 587-U94 (Article)		
7	Peric Zoran H, Jovanovic Aleksandra Z, <b>Stefanovic Mihajlo C</b> , Bogosavljevic Srdjan M (2007) Switched nonuniform polar quantization of sources with a wide dynamic range of power, JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS, vol. 52, br. 12, str. 1340-1349		
8	Peric Zoran H, <b>Stefanovic Mihajlo C</b> (2002) Asymptotic analysis of optimal uniform polar quantization, AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol. 56, br. 5, str. 345-347 (Article)		
9	<b>M. Stefanović</b> , D. Milić, An Approximation of Filtered Signal Envelope with Phase Noise, IEEE Journal of Lightwave Technology, vol. 19, pp. 1685-1690, Nov. 2001. ISSN: 0733-8724		
10	Anastasov Jelena A, Djordjevic Goran T, <b>Stefanovic Mihajlo C</b> (2012) Analytical Model for Outage Probability of Interference-Limited Systems over Extended Generalized-K Fading Channels, IEEE COMMUNICATIONS LETTERS, vol. 16, br. 4, str. 473-475		
11	Panajotovic Aleksandra S, <b>Stefanovic Mihajlo C</b> , Draca Dragan Lj, Sekulovic Nikola M (2010) Average Level Crossing Rate of Dual Selection Diversity in Correlated Rician Fading with Rayleigh Cochannel Interference, IEEE COMMUNICATIONS LETTERS, vol. 14, br. 7, str. 605-607		
12	Bandjur Djoko V, <b>Stefanovic Mihajlo C</b> , Bandjur Milos V (2008) Performance analysis of SSC diversity receiver over correlated Ricean fading channels in presence of co-channel interference, ELECTRONICS LETTERS, vol. 44, br. 9, str. 587-U94		
13	<b>Stefanovic Mihajlo C</b> , Djordjevic Goran T (2005) Influence of transmitting ground and satellite station HPA nonlinearities on satellite communication system performance in the presence of cochannel interference, IEICE TRANSACTIONS ON COMMUNICATIONS, vol. E88B, br. 7, str. 3005-3009		
14	<b>Stefanovic Mihajlo C</b> , Djordjevic Goran T (2003) BPSK and QPSK non-linear satellite communication system performance in the presence of cochannel interference, INTERNATIONAL JOURNAL OF SATELLITE COMMUNICATIONS AND NETWORKING, vol. 21, br. 3, str. 285-297		

15	Anastasov Jelena A, Djordjevic Goran T, <b>Stefanovic Mihajlo C</b> (2012) Outage probability of interference-limited system over Weibull-gamma fading channel, ELECTRONICS LETTERS, vol. 48, br. 7, str. 408-U151		
16	Panajotovic Aleksandra S, Sekulovic Nikola M, <b>Stefanovic Mihajlo C</b> , Draca Dragan Lj (2012) Average Level Crossing Rate of Dual Selection Diversity over Correlated Unbalanced Nakagami-m Fading Channels in the Presence of Cochannel Interference, IEEE COMMUNICATIONS LETTERS, vol. 16, br. 5, str. 691-693		
17	Sekulovic Nikola M, <b>Stefanovic Mihajlo C</b> , Denic Dragan B, Aleksic Danijela R (2011) Performance analysis of signal-to-interference-plus-noise ratio-based selection diversity over correlated Rayleigh fading channels, IET COMMUNICATIONS, vol. 5, br. 2, str. 127-134		
18	Denic SZ, <b>Stefanovic Mihajlo C</b> , Vasic Bane V (2000) M-ary RLL dc-free codes for optical recording channels, ELECTRONICS LETTERS, vol. 36, br. 14, str. 1214-1216		
19	Djordjevic Ivan B, <b>Stefanovic Mihajlo C</b> (1999) Performance of optical heterodyne PSK systems with Costas loop in multichannel environment for nonlinear second-order PLL model, JOURNAL OF LIGHTWAVE TECHNOLOGY, vol. 17, br. 12, str. 2470-2479		
20	<b>M. Stefanović</b> , D. Milić, N. Stojanović, Evaluation of Optimal Bandwidth in Optical FSK System Influenced by Laser Phase Noise, IEEE Journal of Lightwave Technology, vol. 16, pp 772-777, May 1998. ISSN: 0733-8724		
<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	284	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	126	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>				Stojadinović D. Ninoslav
<b>Title</b>				Professor
<b>Specific scientific field</b>				Technical Sciences - Microelectronics
<b>Academic career</b>				
	<b>Date</b>	<b>Institution</b>	<b>Field</b>	
Election	18.03.1991	Faculty of Electronic Engineering	Technical Sciences - Microelectronics	
PhD	19.06.1980	Faculty of Electronic Engineering	Technical Sciences - Microelectronics	
Diploma	03.07.1974	Faculty of Electronic Engineering	Technical Sciences - Microelectronics	
<b>List of courses the lecturer holds at study programs of doctoral studies</b>				
<b>Number</b>	<b>The name of the course</b>			
1				
2				
3				
4				
5				
<b>The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)</b>				
1	N.D. Stojadinović, "Effects of Emitter Edge Dislocations on the Low-Frequency Noise of Silicon Planar n-p-n Transistors", Electronics Letters, vol. 15, pp. 340-343 (1979)			
2	N.D. Stojadinović and R.S. Popović, "Elimination of Emitter Edge Dislocations in Silicon Planar n-p-n Transistors", Electronics Letters, vol. 16, pp. 842-843 (1980)			
3	N.D. Stojadinović, "Influence of Emitter Edge Dislocations on Reliability of Planar NPN Transistors", Microelectronics and Reliability, vol. 22, pp. 1113-1120 (1982)			
4	N.D. Stojadinović and S.D. Ristić, "Failure Physics of Integrated Circuits and Relationship to Reliability", Physica Status Solidi (a), vol. 75, pp. 11-48 (1983) (review paper)			
5	N. Stojadinović, "Failure Physics of Integrated Circuits - A Review", Microelectronics and Reliability, vol. 23, pp. 609-707 (1983) (review paper)			
6	N. Stojadinović, S. Dimitrijević and S. Mijalković, "Effects of High Field Stresses on Threshold Voltage of CMOS Transistors", Microelectronics and Reliability, vol. 25, no. 2, pp. 275-279 (1985)			
7	S. Dimitrijević and N. Stojadinović, "Analysis of CMOS Transistor Instabilities", Solid-State Electronics, vol. 30, pp. 991-1003 (1987)			
8	S. Dimitrijević, N. Stojadinović and Z. Stamenković, "Yield Model for In-Line Integrated Circuit Production Control", Solid-State Electronics, vol. 31, no. 5, pp. 975-979 (1988)			
9	S. Mijalković and N. Stojadinović, "Efficient Simulation of Impurity Redistribution in VLSI Fabrication Processes", Solid-State Electronics, vol. 31, no. 12, pp. 1689-1693 (1988)			
10	N. Stojadinović and S. Dimitrijević, "Instabilities in MOS Transistors", Microelectronics and Reliability, vol. 29, no. 3, pp. 371-380 (1989) (review paper),			
11	D. Pantić, S. Mijalković and N. Stojadinović, "A New Multilayer Ion Implantation Model for Process Simulation", Microelectronics Journal, vol. 20, no. 6, pp. 5-10 (1989)			
12	N. Stojadinović, I. Manić, V. Davidović, D. Danković, S. Djorić-Veljković, S. Golubović, IEE Proc. Circuits, Devices and Systems, Vol. 153, pp 281-288 (2006).			
13	D. Danković, I. Manić, V. Davidović, S. Djorić-Veljković, S. Golubović, N. Stojadinović, Microelectron. Reliab., Vol. 47, pp. 1400-1405 (2007).			
14	I. Manić, S. Djorić-Veljković, V. Davidović, D. Danković, S. Golubović, N. Stojadinović, IET Circuits, Devices and Systems, Vol. 2, pp 213-221 (2008).			
15	V. Davidović, N. Stojadinović, D. Danković, S. Golubović, I. Manić, S. Djorić-Veljković, S. Dimitrijević, Jpn. J. Appl. Phys., Vol 47, pp. 6272-6276, (2008).			
16	D. Danković, I. Manić, V. Davidović, S. Djorić-Veljković, S. Golubović, N. Stojadinović, Microelectron. Reliab., Vol. 48, pp. 1313-1317 (2008).			
17	I. Manić, D. Danković, S. Djorić-Veljković, V. Davidović, S. Golubović, N. Stojadinović, Microelectron. Reliab., Vol. 49, pp. 1003-1007 (2009).			
18	N. Stojadinović, D. Danković, I. Manić, A. Prijić, V. Davidović, S. Djorić-Veljković, S. Golubović, Z. Prijić, Microelectron. Reliab., Vol. 50, pp. 1278-1282 (2010).			
19	S. Djorić-Veljković, I. Manić, V. Davidović, D. Danković, S. Golubović, N. Stojadinović, Technology and Radiation Protection, Vol. 26, pp 18-24 (2011).			
20	I. Manić, D. Danković, A. Prijić, V. Davidović, S. Djorić-Veljković, S. Golubović, Z. Prijić, N. Stojadinović, Microelectron. Reliab. Vol. 51, pp. 1540-1543 (2011).			

<b>Cumulative data of the scientific activity of the lecturer</b>			
Total number of citations	620	Number of domestic projects at which the lecturer currently participates	1
Total number of papers at the SCI (SSCI) list	85	Number of international projects at which the lecturer currently participates	1
<b>Specializations</b>			
<b>Other data considered relevant</b>			
Member, Serbian Academy of Science and Art			
Member, Academy of Engineering Sciences of Serbia			
Fellow, IEEE; IEEE EDS Distinguished Lecturer			
Editor-in-Chief, Microelectronics Reliability, Elsevier, Oxford, UK; Editorial Board Member, J. Semiconductor Technology and Science, IEE of Korea, Korea; Editorial Board Member, Nanoscience & Nanotechnology-ASIA, Bentham Science Publishers			
Chair of MIEL Conference			

## Scientific qualifications of lecturers at doctoral studies and their teaching duties

<b>Last name, middle letter, first name</b>	Živanović B. Dragan		
<b>Title</b>	assistant professor		
<b>Specific scientific field</b>	Metrology and measuring technique		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	2012	University of Niš, Faculty of Electronic Engineering	Metrology and measuring technique
PhD	2006	University of Niš, Faculty of Electronic Engineering	Metrology and measuring technique
Diploma	1990	University of Niš, Faculty of Electronic Engineering	Electrical Engineering and Computer Science

### List of courses the lecturer holds at study programs of doctoral studies

Number	The name of the course
1	Virtual instrumentation
2	Measurement and acquisition systems
3	
4	
5	

### The most relevant publications in accordance with the demands of additional standards for the given field (10 to 20)

1	Milan Simić, Dragan Denić, Dragan Živanović, Dimitar Taskovski, Vladimir Dimcev, "Development of a Data Acquisition System for the Testing and Verification of Electrical Power Quality Meters", JPE – Journal of Power Electronics, Publication of The Korean Institute of Power Electronics, Republic of Korea, Vol. 12, No. 5, September 2012, pp.813-820, 2012, ISSN: 1598-2092, <a href="http://www.jpe.or.kr">http://www.jpe.or.kr</a> .
2	Milica Naumović, Dragan Živanović, "Remote Experiments in Control Engineering Education Laboratory", iJOE International Journal of Online Engineering, Published by International Association of Online Engineering, Vol 4, No 2, (2008) pp. 48-53 ISSN 1861-2121, <a href="http://www.i-joe.org">www.i-joe.org</a> .
3	Živanović, D., Arsić, M., Djordjević, J., "Two Stage Piece-Wise Linearization Method", International Journal of Modelling and Simulation, Vol 24, No 2, 2004.
4	Denić D., Miljković, G., Živanović, D.: "Microcomputer Based Wide Range Digital Tachometer", ISSN 1392-1215 Electronic and Electrical Engineering, T120 System Engineering, Computer Technology, Nr. 3(67), 2006., pp. 31-36.
5	Pesić, M., Živanović, D., Arsić, M.: "Possibilities for dissemination of standard time and frequency signals with metrological accuracy via terrestrial TV network and satellites", Facta Universit., Series: Electr. and Energet., No 7, 1994., pp. 39 - 51.
6	Jevtić, M., Radenković, V., Živanović, D., i Vukčević B.: "An arbitrary waveform synthesizer up to 25 Mhz", Facta Universit., series: Electr. and Energet., No 1, 1992., pp. 79 - 89.
7	Živanović, D., Pesić, M., Arsić, M.: " Temperature field measurement system accuracy analysis", International Metrology Conference, Bucharest, September 2001. pp. 403-408.
8	Jovanović M., Marinković Z., Živanović D., Mijajlović D.: "The Kinematics Characteristic Choice of Dynamical Parametres Bases of Storage Crane", ICVE'98, Dalian, Loning, China, may 1998.
9	Živanović, D., Arsić, M., Đorđević, J., Mladenović, I, " Two Stages Piece-Wise Linearization Method For Intelligent Transducers", ICEST 2003, XXXVIII International Sci. Conf. Information, Communication and Energy system and tech., Sofia, October 2003., pp. 383-386.
10	Vladimir Dimcev, Dimitar Taskovski, Zivko Kokolanski, Dragan Denić, Dragan Živanović, Milan Simić, "Signal Conditioning for Power Quality", Proceedings of the 11th International Conference on Electrical Power Quality and Utilization - IEEE EPQU 2011, Lisbon, Portugal, 17 – 19 October 2011, ISR - University of Coimbra, Portugal, Paper No. 116, 2011, ISBN: 978-1-4673-0379-8, pp.1-5, <a href="http://www.epqu2011.org">http://www.epqu2011.org</a> .
11	Goran Miljković, Miodrag Arsić, Dragan Živanović, Milan Simić, "Virtual Instrumentation used for Adaptive Angular Velocity Measurements", Proceedings of the XLVI International Scientific Conference on Information, Communication and Energy Systems and Technologies ICEST 2011, Niš, Serbia, June 29 – July 1, 2011, University of Niš, Faculty of Electronic Engineering, Volume 1, 2011, pp.205-208, ISBN: 978-86-6125-031-6, <a href="http://www.icestconf.org">http://www.icestconf.org</a> .
12	B. Rančić, P Janković, D. Živanović, M. Arsić: „Force Transducer Model based on Virtual Strain Gage Amplifier for Engineering Education“, XI International Conference on Systems Automatic Control and Measurements SAUM 2012, Faculty of Electronic Engineering, Faculty of Mechanical Engineering, 18000 Niš, Serbia, November 14-16, 2012, Unigraf Niš, str 290-293, 2012, ISBN 978-86-6125-072-9
13	Milan Simic, Dragan Zivanovic, Dragan Denic, Goran Miljkovic, "LabVIEW Software Applied to Simulation of the Typical Power Quality Problems", Proceedings of the International Scientific Conference UNITECH 2012, Gabrovo, Bulgaria, 16 - 17 November 2012, Technical University of Gabrovo, Volume 2, pp. 319-322, 2012, ISSN: 1313-230X, <a href="http://unitech.tugab.bg/index.php">http://unitech.tugab.bg/index.php</a> .

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**Cumulative data of the scientific activity of the lecturer**

Total number of citations	0	Number of domestic projects at which the lecturer currently participates	2
Total number of papers at the SCI (SSCI) list	1	Number of international projects at which the lecturer currently participates	1

**Specializations**

**Other data considered relevant**

Ph.D. Dragan Živanović realised many industrial measurement systems and devices which are in constant exploitation in the country and abroad.
