

## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Aleksić M. Sanja		
<b>Title</b>	Assistant professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	01.09.1995.		
<b>Specific scientific (artistic) field</b>	Microelectronics and Microsystems		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	17.12.2018	University of Niš, Faculty of Electronic Engineering	Microelectronics and Microsystems
PhD	20.03.2015.	University of Niš, Faculty of Electronic Engineering	Microelectronics and Microsystems
Specialization			
MA/MSc	20.03.2009.	University of Niš, Faculty of Electronic Engineering	Applied Physics
Diploma	30.08.1995,	University of Niš, Faculty of Philosophy	Physics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Renewable Energy		BAS
2	Nanotechnology		BAS
3	Solar Devices and Systems		BAS
4	Renewable Energy		BAS
5	Laser Electronics		MAS
6	Fundamentals of Photovoltaic conversion		MAS
7	Energy, Environment and Sustainable Development		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Sanja Aleksić, Aleksandar Pantić, Dragan Pantić, "High electric field stress model of n-channel VDMOSFET based on artificial neural network", Journal of Computational Electronics, pp. 1-10, April 2018. <a href="https://doi.org/10.1007/s10825-018-1167-z">https://doi.org/10.1007/s10825-018-1167-z</a> .		
2	Sanja Aleksić, Biljana Pešić, Dragan Pantić, "Simulation of semiconductor bulk trap influence on the electrical characteristics of the n-channel power VDMOS transistor", Informacije MIDEM Journal of Microelectronics, Electronics Components and Materials, vol. 43, no. 2, pp. 124-130, 2013. (M23 – 0.277).		
3	Sanja Aleksić, A. Jakšić, M. Pejović, „Repeating of positive and negative high electric field stress and corresponding thermal post-stress annealing of the n-channel power VDMOSFETs“, Solid-State Electronics, Vol. 52, Issue 8, pp. 1197-1201, 2008.		
4	Sanja Aleksić, Dragana Markushev, Dragan Pantić, Mihajlo Rabasović, Dragan Markushev, Dragan Todorović, „Electro-acoustic influence of the measuring system on the photoacoustic signal amplitude and phase in frequency domain“, Facta universitatis - series Physics Chemistry and Technology 14(1):9-20 · January 2016. DOI: 10.2298/FUPCT1601009A		
5	Dragana Markushev, Dragan Markushev, Slobodanka Galović, Sanja Aleksić, Dragan Pantić, Dragan Todorović, „The surface recombination velocity and bulk lifetime influences on photogenerated excess carrier density and temperature distribution in N-type silicon excited by a frequency-modulated light source“, Facta universitatis - series Electronics and Energetics 31(2):313-328 · Marhc 2018. <a href="https://doi.org/10.2298/FUEE1802313M">https://doi.org/10.2298/FUEE1802313M</a>		
6	Aleksandar Vulović, Milan Savić, Sanja Aleksić, Dragan Pantić, „ANN Model of Electric Stress in Power n-channel VDMOS Transistors“, Proc. Of 6th Small Sistem Simulation Symposium – SSSS 2016, Niš, Serbia, Februaru 2016.		
7	Sanja Aleksić, Danijela Pantić, Dragan Pantić, „The Influence of Interface and Semiconductor Bulk Traps Generated Under HEFS on MOSFET`s Electrical Characteristics“, Proc. of 4th Small Sistem Simulation Symposium – SSSS 2014, Niš, Serbia, Februaru 2014.		
8	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, 2012 (invited lecture).		

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<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>			
Total number of citations	23	Number of domestic projects at which the lecturer currently participates	0
Total number of papers on 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, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Andrejević-Stošović V. Miona		
<b>Title</b>	Associate professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	01.02.2001.		
<b>Specific scientific (artistic) field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	25.02.2019.	University of Niš, Faculty of Electronic Engineering	Electronics
PhD	07.07.2006.	University of Niš, Faculty of Electronic Engineering	Electronics
Specialization			
MA/MSc	11.01.2003.	University of Niš, Faculty of Electronic Engineering	Electronics
Diploma	29.06.2000.	University of Niš, Faculty of Electronic Engineering	Electronics and Telecommunications
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Analog Electronics		BAS
2	Digital Integrated Circuits Design		BAS
3	Electronics for Multimedia systems		BAS
4	Functional Verification		BAS
5	Integrated Circuits Design		BAS
6	Hardware Modeling Languages		BAS
7	Mixed Signal Integrated Circuit Design		MAS
8	System on Chip		MAS
9	Metodology in Verification		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Andrejević Stošović, M., Živanić, J., Litovski, V., "Maximally flat filter functions with maximum number of transmission zeros having maximal multiplicity", IEEE Transactions on Circuits and Systems II: Express Briefs, Vol. 61, No. 10, ISSN 1549-7747, doi:10.1109/TCSII.2014.2345300, October 2014.		
2	Topisirović, D., Litovski, V., and Andrejević Stošović, M., "Unified theory and state variable implementation of critical-monotonic all-pole filters", International Journal of Circuit Theory and Applications, Wiley, 2015, Vol. 43, Issue 4, pp. 502-515, ISSN: 0098-9886.		
3	Andrejević Stošović, M., Litovski, V., "Implementation of Recurrent Artificial Neural Networks for Nonlinear Dynamic Modelling in Biomedical Applications", The International Journal of Artificial Organs, Wichtig Editore, Vol. 36, Issue 11, pp. 833-842, November 2013, ISSN: 0391-3988.		
4	Andrejević Stošović, M., Milić, M., Zwolinski, M., Litovski, V., "Oscillation-based analog diagnosis using artificial neural networks based inference mechanism", Computers and electrical engineering, Elsevier, ISSN: 0045-7906, Volume 39, Issue 2, 2013, pp. 190-201.		
5	Andrejević Stošović, M., Litovski, I., Lukač, D., Dimitrijević, M., Litovski, V., "A Small Signal Model of a Solar Cell", Simulation: Transactions of the Society for Modeling and Simulation International, Sage Science Press, London, ISSN: 0037-5497, Vol. 90(11), pp. 1231-1243, November 2014.		
6	Andrejević Stošović, M., Dimitrijević, M., Litovski, V., "Computer Security Vulnerability Seen From the Electricity Distribution Grid Side", Applied Artificial Intelligence, Taylor & Francis Ltd., ISSN 0883-9514, Vol. 28, Issue 4, pp. 323-336, M23, 2014.		
7	Mirković, D., Andrejević Stošović, M., Petković, P., Litovski V., "IIR digital filters with critical monotonic pass-band amplitude characteristic", AEU - International Journal of Electronics and Communications, Vol. 69, Issue 10, July 2015, pp. 1495-1505.		
8	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, Vol. 21, Issue 2, pp. 153-168, 2011, ISSN 1210-0552.		
9	Andrejević Stošović, M., Milić, M., Litovski, V., "Analog Filter Diagnosis Using the Oscillation Based Method", Journal of Electrical Engineering – Elektrotechnický časopis, Faculty of Electrical Engineering and Information Technology, Slovak University of Technology, Vol. 63, No. 6, 2012, pp. 349-356, ISSN 1335-3632.		

10	Miona Andrejević Stošović, Srđan Đorđević, Predrag Petković, Praktikum laboratorijskih vežbi iz analogne elektronike i analognih elektronskih kola, Univerzitet u Nišu, Elektronski fakultet, Edicija: Pomoćni udžbenici, 2018., ISBN 978-86-6125-201-3.		
<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>			
Total number of citations	181	Number of domestic projects at which the lecturer currently participates	2
Total number of papers on 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, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Danković M. Danijel		
<b>Title</b>	Associate professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	01.03.2002		
<b>Specific scientific (artistic) field</b>	Microelectronics and Microsystems		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	02.04.2019	University of Niš, Faculty of Electronic Engineering	Microelectronics and Microsystems
PhD	30.12.2009	University of Niš, Faculty of Electronic Engineering	Nanotechnology and Microsystems
Specialization			
MA/MSc	21.07.2006	University of Niš, Faculty of Electronic Engineering	Microelectronics
Diploma	08.11.2001	University of Niš, Faculty of Electronic Engineering	Electronics and Telecommunications
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Electronic Devices		BAS
2	Digital Microelectronics		BAS
3	Printed Circuit Boards Design		BAS
4	Components for Telecommunications		BAS
5	Design of Programmable Components		BAS
6	Project Management		BAS
7	RF Microelectronics		MAS
8	Multi-Layer Printed Circuit Boards Design		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Ninoslav Stojadinović, Snežana Djorić-Veljčković, Vojkan Davidović, Snežana Golubović, Srboљub Stanković, Aneta Prijić, Zoran Prijić, Ivica Manić, Danijel Danković, " NBTI and irradiation related degradation mechanisms in power VDMOS transistors", Microelectronics Reliability, vol. 88-90, pp. 135-141 (2018), ISSN 0026-2714, DOI: 10.1016/j.microrel.2018.07.138		
2	Danijel Danković, Ivica Manić, Aneta Prijić, Vojkan Davidović, Zoran Prijić, Snežana Golubović, Snežana Djorić-Veljčković, Albena Paskaleva, Dencho Spassov, Ninoslav Stojadinović, "A review of pulsed NBTI in P-channel power VDMOSFETs", Microelectronics Reliability, vol. 82, pp. 28-36 (2018), ISSN 0026-2714, DOI: 10.1016/j.microrel.2018.01.003		
3	Vojkan Davidović, Danijel Danković, Aleksandar Ilić, Ivica Manić, Snežana Golubović, Snežana Djorić, Zoran Prijić, Aneta Prijić and Ninoslav Stojadinović, " Effects of consecutive irradiation and bias temperature stress in p-channel power vertical double-diffused metal oxide semiconductor transistors", Japanese Journal of Applied Physics, vol. 57, no. 4, pp. 044101 (2018), ISSN 1347-4065 (online) 0021-4922 (print) DOI: 10.7567/jjap.57.044101		
4	Danijel Danković, Ivica Manić, Vojkan Davidović, Aneta Prijić, Miloš Marjanović, Aleksandar Ilić, Zoran Prijić, Ninoslav Stojadinović, " On the recoverable and permanent components of NBTI in p-channel power VDMOSFETs", IEEE Transactions on Device and Materials Reliability, vol. 16, no. 4, pp. 522-531 (2016), ISSN 1530-4388, DOI: 10.1109/TDMR.2016.2598557		
5	Vojkan Davidović, Danijel Danković, Aleksandar Ilić, Ivica Manić, Snežana Golubović, Snežana Djorić-Veljčković, Zoran Prijić, Ninoslav Stojadinović, "NBT and irradiation effects in Negative bias temperature instability in p-channel power VDMOSFET ", IEEE Transaction on Nuclear Science, vol. 63, no. 2, pp. 1268-1275 (2016), ISSN 0018-9499, DOI: 10.1109/TNS.2016.2533866		
6	Danijel Danković, Ninoslav Stojadinović, Zoran Prijić, Ivica Manić, Vojkan Davidović, Aneta Prijić, Snežana Djorić-Veljčković and Snežana Golubović, " Analysis of recoverable and permanent components of threshold voltage shift in NBT stressed p-channel power VDMOSFET", Chinese Physics B, vol. 24, no. 10, pp. 106601-1-106601-9 (2015), ISSN 1674-1056, DOI: 10.1088/1674-1056/24/10/106601		

7	Danijel Danković, Ivica Manić, Aneta Prijić, Snežana Djorić-Veljković, Vojkan Davidović, Ninoslav Stojadinović, Zoran Prijić and Snežana Golubović, "Negative bias temperature instability in p-channel power VDMOSFETs: recoverable versus permanent degradation", Semiconductor Science and Technology, vol. 30, no. 10, p. 105009 (9pp) (2015), ISSN 1361-6641, DOI: 10.1088/0268-1242/30/10/105009
8	Snežana Djorić-Veljković, Ivica Manić, Vojkan Davidović, Danijel Danković, Snežana Golubović and Ninoslav Stojadinović, "Annealing influence on recovery of electrically stressed power vertical double-diffused metal oxide semiconductor transistors", Japanese Journal of Applied Physics, vol. 54, no. 6, pp. 064101-1-064101-7 (2015), ISSN 1347-4065 (online) 0021-4922 (print) DOI:10.7567/JJAP.54.064101
9	Ivica Manić, Danijel Danković, Aneta Prijić, Zoran Prijić, Ninoslav Stojadinović, "Measurement of NBTI Degradation in p-channel Power VDMOSFETs", Informacije MIDEM, Journal of Microelectronics, Electronic Components and Materials, vol. 44, no. 4, pp. 280-287 (2014), ISSN 0352-9045, UDK: 621.3:(53+54+621+66)
10	Snežana Djorić-Veljković, Ivica Manić, Vojkan Davidović, Danijel Danković, Snežana Golubović, and Ninoslav Stojadinović, "The Comparison of Gamma-Radiation and Electrical Stress Influences on Oxide and Interface Defects in Power VDMOSFET", Nuclear Technology & Radiation Protection, vol. 28, No. 4, pp. 406-414 (2013), ISSN 1451-3994, UDC 621.039+614.876:504.06, DOI: 10.2298/NTRP1304406D

**Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer**

Total number of citations	98	Number of domestic projects at which the lecturer currently participates	3
Total number of papers on the SCI (SSCI) list	26	Number of international projects at which the lecturer currently participates	1

**Specializations**

<b>Other data considered relevant</b>			
<a href="https://www.npao.ni.ac.rs/elektronski-fakultet/540-danijel-m-dankovic/540-danijel-m-dankovic">https://www.npao.ni.ac.rs/elektronski-fakultet/540-danijel-m-dankovic/540-danijel-m-dankovic</a>			

## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Davidović S. Vojkan		
<b>Title</b>	Assistant professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	03.09.1990.		
<b>Specific scientific (artistic) field</b>	Microelectronics and Microsystems		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	08.12.2014	University of Niš, Faculty of Electronic Engineering	Microelectronics and Microsystems
PhD	15.07.2010.	University of Niš, Faculty of Electronic Engineering	Microelectronics
Specialization			
MA/MSc	27.09.1996.	University of Niš, Faculty of Electronic Engineering	Microelectronics
Diploma	05.06.1990.	University of Niš, Faculty of Electronic Engineering	Microelectronics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Characterization of Electronic Devices		BAS
2	Reliability of Microelectronic Devices		BAS
3	Technical Documentation		BAS
4	Nanoelectronics		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Snežana Djorić-Veljčković, Ivica Manić, Vojkan Davidović, Danijel Danković, Snežana Golubović, and Ninoslav Stojadinović, "The Comparison of Gamma-Radiation and Electrical Stress Influences on Oxide and Interface Defects in Power VDMOSFET", Nuclear Technology & Radiation Protection, vol. 28, No. 4, pp. 406-414 (2013), ISSN 1451-3994, UDC 621.039+614.876:504.06, DOI: 10.2298/NTRP1304406D, <a href="http://ntrp.vin.bg.ac.rs/2013_4/DjoricVeljkovic2013_4.htm">http://ntrp.vin.bg.ac.rs/2013_4/DjoricVeljkovic2013_4.htm</a>		
2	Danijel Danković, Ivica Manić, Aneta Prijić, Snežana Djorić-Veljčković, Vojkan Davidović, Ninoslav Stojadinović, Zoran Prijić and Snežana Golubović, "Negative bias temperature instability in p-channel power VDMOSFETs: recoverable versus permanent degradation", Semiconductor Science and Technology, vol. 30, No. 10, p. 105009 (9pp) (2015), ISSN 1361-6641, DOI: 10.1088/0268-1242/30/10/105009, <a href="http://iopscience.iop.org/article/10.1088/0268-1242/30/10/105009">http://iopscience.iop.org/article/10.1088/0268-1242/30/10/105009</a>		
3	Snežana Djorić-Veljčković, Ivica Manić, Vojkan Davidović, Danijel Danković, Snežana Golubović, and Ninoslav Stojadinović, "Annealing influence on recovery of electrically stressed power vertical double-diffused metal oxide semiconductor transistors", Japanese Journal of Applied Physics, Vol. 54, p 064101 (7pp) (2015), <a href="http://dx.doi.org/10.7567/JJAP.54.064101">http://dx.doi.org/10.7567/JJAP.54.064101</a>		
4	Danijel Danković, Ninoslav Stojadinović, Zoran Prijić, Ivica Manić, Vojkan Davidović, Aneta Prijić, Snežana Djorić-Veljčković and Snežana Golubović, "Analysis of recoverable and permanent components of threshold voltage shift in NBT stressed p-channel power VDMOSFET", Chinese Physics B, vol. 24, no. 10, pp. 106601-1-106601-9 (2015), ISSN 1674-1056, DOI: 10.1088/1674-1056/24/10/106601, <a href="http://iopscience.iop.org/article/10.1088/1674-1056/24/10/106601">http://iopscience.iop.org/article/10.1088/1674-1056/24/10/106601</a>		
5	Vojkan Davidović, Danijel Danković, Aleksandar Ilić, Ivica Manić, Snežana Golubović, Snežana Djorić-Veljčković, Zoran Prijić, Ninoslav Stojadinović, "NBT and irradiation effects in Negative bias temperature instability in p-channel power VDMOSFET", IEEE Transaction on Nuclear Science, vol. 63, no. 2, pp. 1268-1275 (2016), ISSN 0018-9499, DOI: 10.1109/TNS.2016.2533866, <a href="http://ieeexplore.ieee.org/document/7454831/">http://ieeexplore.ieee.org/document/7454831/</a>		
6	Danijel Danković, Ivica Manić, Vojkan Davidović, Aneta Prijić, Miloš Marjanović, Aleksandar Ilić, Zoran Prijić, Ninoslav Stojadinović, "On the recoverable and permanent components of NBTI in p-channel power VDMOSFETs", IEEE Transactions on Device and Materials Reliability, vol. 16, no. 4, pp. 522-531 (2016), ISSN 1530-4388, DOI: 10.1109/TDMR.2016.2598557, <a href="http://ieeexplore.ieee.org/document/7536114/">http://ieeexplore.ieee.org/document/7536114/</a>		

7	Danijel Danković, Ivica Manić, Aneta Prijić, Vojkan Davidović, Zoran Prijić, Snežana Golubović, Snežana Djorić-Veljković, Albena Paskaleva, Dencho Spassov, Ninoslav Stojadinović, "A review of pulsed NBTI in P-channel power VDMOSFETs", <i>Microelectronics Reliability</i> , vol. 82, pp. 28-36 (2018), ISSN 0026-2714, DOI: 10.1016/j.microrel.2018.01.003, <a href="https://www.sciencedirect.com/science/article/pii/S0026271418300039">https://www.sciencedirect.com/science/article/pii/S0026271418300039</a>
8	Ninoslav Stojadinović, Snežana Djorić-Veljković, Vojkan Davidović, Snežana Golubović, Srboj Stanković, Aneta Prijić, Zoran Prijić, Ivica Manić, Danijel Danković, "NBTI and irradiation related degradation mechanisms in power VDMOS transistors", <i>Microelectronics Reliability</i> , vol. 88-90, pp. 135-141 (2018), ISSN 0026-2714, DOI: 10.1016/j.microrel.2018.07.138, <a href="https://www.sciencedirect.com/science/article/pii/S0026271418307224">https://www.sciencedirect.com/science/article/pii/S0026271418307224</a>
9	Vojkan Davidović, Danijel Danković, Aleksandar Ilić, Ivica Manić, Snežana Golubović, Snežana Djorić-Veljković, Zoran Prijić, Aneta Prijić, and Ninoslav Stojadinović, "Effects of consecutive irradiation and bias temperature stress in p-channel power vertical double-diffused metal oxide semiconductor transistors", <i>Japanese Journal of Applied Physics</i> , Vol. 57, p 044101 (10pp) (2018), <a href="https://doi.org/10.7567/JJAP.57.044101">https://doi.org/10.7567/JJAP.57.044101</a>
10	Vojkan Davidović, Danijel Danković, Snežana Golubović, Snežana Djorić-Veljković, Ivica Manić, Zoran Prijić, Aneta Prijić, Ninoslav Stojadinović, Srboj Stanković, "NBT stress and radiation related degradation and underlying mechanisms in power VDMOSFETs", <i>Facta Universitatis, Series: Electronics and Energetics</i> , Vol. 31, pp. 367-388 (2018), <a href="https://doi.org/10.2298/FUEE1803367D">https://doi.org/10.2298/FUEE1803367D</a>

**Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer**

Total number of citations	169	Number of domestic projects at which the lecturer currently participates	2
Total number of papers on the SCI (SSCI) list	33	Number of international projects at which the lecturer currently participates	1

**Specializations**

**Other data considered relevant**

CHAPTER IN INTERNATIONAL MONOGRAPHY: Danijel Danković, Ivica Manić, Snežana Djorić-Veljković, Vojkan Davidović, Snežana Golubović, and 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, <http://www.intechopen.com/books/show/title/micro-electronic-and-mechanical-systems>

CHAPTER IN INTERNATIONAL MONOGRAPHY: Ninoslav Stojadinović, Ivica Manić, Danijel Danković, Snežana Djorić-Veljković, Vojkan Davidović, Aneta Prijić, Snežana Golubović, Zoran Prijić, "Negative Bias Temperature Instability in Thick Gate Oxides for Power MOS Transistors" in "Bias Temperature Instability for Devices and Circuits", Editors: Tibor Grasser, Springer New York, pp. 533-559 (2014), ISBN: 978-1-4614-7908-6 (Print) 978-1-4614-7909-3 (Online), DOI: 10.1007/978-1-4614-7909-3\_20, [p://link.springer.com/chapter/10.1007/978-1-4614-7909-3\\_20](http://link.springer.com/chapter/10.1007/978-1-4614-7909-3_20)



## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Dimitrijević A. Marko		
<b>Title</b>	Assistant professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	20.08.2002.		
<b>Specific scientific (artistic) field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	30.05.2016.	University of Niš, Faculty of Electronic Engineering	Electronics
PhD	07.12.2012.	University of Niš, Faculty of Electronic Engineering	Electronics
Specialization			
MA/MSc	21.12.2005.	University of Niš, Faculty of Electronic Engineering	Electronics
Diploma	01.02.2002.	University of Niš, Faculty of Electronic Engineering	Electronics and Telecommunications
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Introduction to Electronics		BAS
2	Basics of Electronics		BAS
3	Functional Verification		BAS
4	Virtual Instruments		BAS
5	Open Source Operating Systems		MAS
6	System on Chip		MAS
7	Metodology in Verification		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Dimitrijević, M. , Litovski, V.: Power Factor and Distortion Measuring for Small Loads Using USB Acquisition Module, Journal of Circuits Systems and Computers, World Scientific Publishing Co. Pte. Ltd., Singapore, August, 2011, Vol. 20, No. 5, pp. 867-880, ISSN 0218-1266, doi:10.1142/S02181266110, (M23)		
2	Miona Andrejević Stošović, Ivan Litovski, Duško Lukač, Marko Dimitrijević , Vančo Litovski: Small Signal Model of a Solar Cell, Simulation: Transactions of the Society for Modeling and Simulation International, Sage Science Press, London, Vol. 90(11) , November, 2014, pp. 1231-1243, ISSN: 0037-5497, doi:10.1177/0037549714551290, (M23)		
3	"Andrejević Stošović, M., Dimitrijević, M., Litovski, V., "Computer Security Vulnerability Seen From the Electricity Distribution Grid Side", Applied Artificial Intelligence, Taylor & Francis Ltd., ISSN 0883-9514, Vol. 28, Issue 4, pp. 323-336, M23, 2014. □□		
4	Pavlović, V., Petković, P., Radmanović, M., Milovanović, D., Mirković, D., Dimitrijević, M. , Djordjević, Sr.: Laboratorijski praktikum iz predmeta Osnovi elektronike, Elektronski fakultet, Niš, September, 2012, 90, ISBN 978-86-6125-070-5, (pomoćni udžbenik)		
5	Dimitrijević, M. , Milojković, J., Bojanić, S., Litovski, V.: ICT and Power: Synergy and Hostility, Proceedings of 10th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services - TELSISKS, Niš, 05.10.-08.10., 2011, Vol. 1, pp. 186-195, ISBN 978-1-4577-2016-1, doi:0.1109/TELSKS.2011.6, (M31)		
6	Marko Dimitrijević , Miona Andrejević Stošović, Jelena Milojković, Vančo Litovski: Implementation of Artificial Neural Networks Based AI Concepts to the Smart Grid, FACTA UNIVERSITATIS, Series: Electronic and Energetics, University of Niš, Vol. 27, No. 3, Niš, September, 2014, pp. 411-424, ISSN: 0353-3670, doi:10.2298/FUEE1403411D, (M51)		
7	Djordjević, Sr., Dimitrijević, M. , Litovski, V.: A Non-Intrusive Identification of Home Appliances Using Active Power and Harmonic Current, Facta Universitatis, Series: Electronics and Energetics, Vol 30, No 2, Niš, June, 2017, pp. 199-208, ISSN 0353-3670, doi:10.2298/FUEE1702199D, (M51)		
8	Miona Andrejević Stošović, Marko Dimitrijević , Slobodan Bojanić, Octavio Nieto-Taladriz, Vančo Litovski: Characterization of Non Linear Loads in Power Distribution Gird, FACTA UNIVERSITATIS, Series: Electronics and Energetics, University of Niš, Vol. 29, No. 2, Niš, June, 2016, pp. 159-175, ISSN 0353-3670, doi:10.2298/FUEE1602159A, (M51)		

9	Dimitrijević, M. , Stevanović, D., Andrejević Stošović, M.: Real-time System for Nonlinear Load Analysis in 50A Current Range, Proceedings of the 7th Small Systems Simulation Symposium, Niš, 12.02.-14.02., 2018, pp. 83-88, ISBN 978-86-6125-199-3, (M33)		
10	Milojković, J., Le Blond, S., Dimitrijević, M. , Litovski, V.: IGBT Versus VDMOS Switches in DC-to-AC inverters, Some Basic Comparisons, Proceedings of the 7th Small Systems Simulation Symposium, Niš, 12.02.-14.02., 2018, pp. 24-28, ISBN 978-86-6125-199-3, (M33)		
<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>			
Total number of citations	14	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on 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, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Dorđević Lj. Goran		
<b>Title</b>	Full professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	01.12.1989		
<b>Specific scientific (artistic) field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	13.07.2009	University of Niš, Faculty of Electronic Engineering	Electronics
PhD	28.12.1998	University of Niš, Faculty of Electronic Engineering	Electronics
Specialization			
MA/MSc	17.06.1994	University of Niš, Faculty of Electronic Engineering	Electronics
Diploma	16.08.1989	University of Niš, Faculty of Electronic Engineering	Computing and Informatics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Digital Electronics		BAS
2	Digital System Architecture		BAS
3	Digital Electronics		BAS
4	Digital System Design		BAS
5	Mobile Devices Programming		BAS
6	Distributed Embedded Systems		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Milica D Jovanovic, Igor Z Stojanovic, Sandra M Djosic, Goran Lj Djordjevic, "Intra-cluster tone-based contention resolution mechanism for wireless sensor networks", Computers & Electrical Engineering, ISSN: 0045-7906, 2016, Vol. 56, Issue C, pp. 485-497, DOI: 10.1016/j.compeleceng.2016.10.008.		
2	Tatjana R Nikolic, Goran S Nikolic, Goran Lj Djordjevic, Mile K Stojcev, "Improving fault-tolerance capability of on-chip binary CDMA bus", The Journal of Supercomputing, ISSN: 0045-7906, 2016, Volume 72, (1), pp 275–294, DOI: 10.1007/s11227-015-1513-x.		
3	Igor Stojanovic, Goran Lj. Djordjevic, "In-channel Misrouting Suppression Technique for Deflection-Routed Networks on Chip", Facta Universitatis Series: Electronics and Energetics, Vol. 29, No. 2, pp. 309-323, 2016, DOI: 10.2298/FUEE1602309S		
4	Igor Z. Stojanovic, Milica D. Jovanovic, Goran Lj. Djordjevic, "Dual-mode inter-router communication channel for deflection-routed networks-on-chip", The Journal of Supercomputing, July 2015, Volume 71, Issue 7, pp 2597-2613, ISSN=0920-8542, Springer US, DOI: 10.1007/s11227-015-1407-y		
5	Maja M. Velimirovic, Goran Lj. Djordjevic, Andrija S. Velimirovic and Dragan B. Denic, "Range-Free Localization in Wireless Sensor Networks Using Fuzzy Logic", Ad hoc & Sensor Wireless Networks, ISSN: 1551-9899, (2014), vol. 23 no. 3-4, pp. 187-210.		
6	Milica D. Jovanovic, Goran Lj. Djordjevic, "Reduced-Frame TDMA Protocols for Wireless Sensor Networks", International Journal of Communication Systems, Wiley, Volume 27, Issue 10, pp. 1857-1872, 2014, ISSN: 1099-1131, DOI=10.1002/dac.2439		
7	Andrija S. Velimirovic, Goran Lj. Djordjevic, Maja M. Velimirovic, Milica 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		
8	Tatjana R. Nikolic, Mile K. Stojcev, Goran 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		
9	Milos D. Krstic, Mile K. Stojcev, Goran Lj. Djordjevic, Ivan 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		

10	Goran Lj. Djordjevic, Milorad B. Tasic, "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		
<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>			
Total number of citations	360	Number of domestic projects at which the lecturer currently participates	0
Total number of papers on the SCI (SSCI) list	16	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Đošić M. Sandra		
<b>Title</b>	Assistant professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	01.03.2001		
<b>Specific scientific (artistic) field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	04.07.2017	University of Niš, Faculty of Electronic Engineering	Electronics
PhD	26.06.2015	University of Niš, Faculty of Electronic Engineering	Electronics
Specialization			
MA/MSc	10.02.2006	University of Niš, Faculty of Electronic Engineering	Electronics
Diploma	01.09.2000	University of Niš, Faculty of Electronic Engineering	Electronics and Telecommunications
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Digital Electronics		BAS
2	Electronic Circuits and Embedded systems		BAS
3	Digital Electronics		BAS
4	Microprocessor Technique		BAS
5	Wireless Networks and Devices		BAS
6	Embedded Systems Design		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Milica Jovanović, Igor Stojanović, Sandra Đošić, Goran Đorđević, "RELIABLE DETECTION OF SIGNAL TONES IN PRESENCE OF COLLISIONS", Facta Universitatis, Series: Automatic Control and Robotics, Vol. 17, No. 3, pp. 177-190, 2018. Print ISSN: 1820-6417, Online ISSN: 1820-6425 DOI: <a href="https://doi.org/10.22190/FUACR1803177J">https://doi.org/10.22190/FUACR1803177J</a>		
2	Milica D. Jovanovic, Igor Z. Stojanovic, Sandra M. Djosic, Goran Lj. Djordjevic, „Intra-Cluster Tone-Based Contention Resolution Mechanism for Wireless Sensor Networks”, Computers and Electrical Engineering, Elsevier, available online Oktober 2016, DOI: 10.1016/j.compeleceng.2016.10.008,		
3	Sandra Djosic, Milun Jevtic, "Dynamic Voltage and Frequency Scaling Algorithm for Fault-Tolerant Real-Time Systems", Microelectronics Reliability, Elsevier Ltd., DOI: 10.1016/j.microrel.2013.03.012. MICROELECTRONICS RELIABILITY, (2013), vol. 53 br. 7, pp. 1036-1042. ISSN 0026-2714		
4	Sandra Đošić, Milica Jovanović, Igor Stojanović, Goran Lj. Đorđević, ENHANCING FAULT-TOLERENCE IN REAL-TIME SYSTEMS UNDER ENERGY CONOSTRAINTS, Facta Universitatis, Series: Automatic control and robotics, vol. 15, no 3, 2016, pp. 227-236, Print ISSN 1820-6417, Online ISSN: 1820-6425, DOI Number 10.22190/FUACR1603227D		
5	И. Стојановић, М. Јовановић, С. Ђошић, Г. Ђорђевић, Optimized port allocation algorithm for deflection router with minimal buffering, LII International Scientific Conference of Information, Communication and Energy Systems and Technologies, ICEST 2017, pp. 182 - 185, isbn: 978-86-6125-031-6, Nis, Serbia, 28. - 30. Jun, 2017		
6	М. Јовановић, И. Стојановић, С. Ђошић, Г. Ђорђевић, Contention Resolution using Signal Tones for Wireless Sensor Networks, LII International Scientific Conference of Information, Communication and Energy Systems and Technologies, ICEST 2017, pp. 25 - 28, issn: , isbn: 978-86-6125-031-6., Nis, Serbia, 28. - 30. Jun, 2017		
7	Igor Stojanovic, Milica Jovanovic, Sandra Djosic, Goran Djordjevic, "Improved deflection routing method for bufferless networks-on-chip", ICEST 2014, XLIX INTERNATIONAL SCIENTIFIC CONFERENCE ON INFORMATION, COMMUNICATION AND ENERGY SYSTEMS AND TECHNOLOGIES, Proceedings of Papers, volume 1, pp 91-94, Serbia, Niš, June 25 - 27, 2014, ISBN: 978-86-6125-108-5		

8	Sandra Djosic, Milun Jevtic, Milunka Damnjanovic, " Power consumption analysis of fault tolerant real-time systems", ICEST 2012, XLVII INTERNATIONAL SCIENTIFIC CONFERENCE ON INFORMATION, COMMUNICATION AND ENERGY SYSTEMS AND TECHNOLOGIES, Proceedings of Papers, volume 1, pp 163- 166, Veliko Tarnovo, Bulgaria, June 28 - 30, 2012, ISBN: 978-619-167-002-4
9	Sandra Đošić, Milun Jevtić, „Povećanje energetske efikasnosti RTS-a sa redundansom u vremenu za prevazilaženje otkaza“, ETRAN 2012, ZBORNIK RADOVA 56. KONFERENCIJE ZA ETRAN, EL 2.1-1-4, ZLATIBOR, 11-14. JUNA 2012, ISBN 978-86-80509-67-9
10	S. Djosic, M. Jevtic, „Dynamic voltage scaling for real-time systems under fault tolerance constraints“, Proceedings of the 28th International Conference on Microelectronics-MIEL 2012, May 13-16, 2012, Niš, Serbia, pp. 375-378, ISBN 978-1-4673-0236-4

**Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer**

Total number of citations	4	Number of domestic projects at which the lecturer currently participates	2
Total number of papers on the SCI (SSCI) list	2	Number of international projects at which the lecturer currently participates	0

**Specializations**

**Other data considered relevant**


## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Golubović M. Snežana		
<b>Title</b>	Full professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	30.06.1982		
<b>Specific scientific (artistic) field</b>	Applied Physics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	07.11.2006	University of Niš, Faculty of Electronic Engineering	Applied Physics
PhD	26.10.1995	University of Niš, Faculty of Electronic Engineering	Technical Sciences - Microelectronics
Specialization			
MA/MSc	29.06.1988	University of Niš, Faculty of Electronic Engineering	Technical Sciences - Microelectronics
Diploma	05.09.1981	University of Niš, Faculty of Philosophy (Physics)	Applied Sciences - Physics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Physics		BAS
2	Basics of Optics		BAS
3	Nanoelectronics		MAS
4	Gas discharge devices –characterization and application		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Ivica Manić, Danijel Danković, Vojkan Davidović, Aneta Prijić, Snežana Djorić-Veljković, Snežana Golubović, Zoran Prijić, and Ninoslav Stojadinović, "Effects of Pulsed Negative Bias Temperature Stressing in p-Channel Power VDMOSFETs", Facta Universitatis, Series: Electronics and Energetics, vol. 29, no. 1 pp. 49-60 (2016), ISSN 0353-3670 (Print), 2217-5997 (Online), DOI: 10.2298/FUEE1601049M <a href="http://casopisi.junis.ni.ac.rs/index.php/FUElectEnerg/article/view/1288/782">http://casopisi.junis.ni.ac.rs/index.php/FUElectEnerg/article/view/1288/782</a> M24		
2	Ninoslav Stojadinović, Snežana Djorić-Veljković, Vojkan Davidović, Snežana Golubović, Srboljub Stanković, Aneta Prijić, Zoran Prijić, Ivica Manić, Danijel Danković, " NBTI and irradiation related degradation mechanisms in power VDMOS transistors", Microelectronics Reliability, vol. 88-90, pp. 135-141 (2018), ISSN 0026-2714, DOI: 10.1016/j.microrel.2018.07.138, <a href="https://www.sciencedirect.com/science/article/pii/S0026271418307224">https://www.sciencedirect.com/science/article/pii/S0026271418307224</a> M23		
3	Danijel Danković, Ivica Manić, Aneta Prijić, Vojkan Davidović, Zoran Prijić, Snežana Golubović, Snežana Djorić-Veljković, Albena Paskaleva, Dencho Spassov, Ninoslav Stojadinović, "A review of pulsed NBTI in P-channel power VDMOSFETs", Microelectronics Reliability, vol. 82, pp. 28-36 (2018), ISSN 0026-2714, DOI: 10.1016/j.microrel.2018.01.003, <a href="https://www.sciencedirect.com/science/article/pii/S0026271418300039">https://www.sciencedirect.com/science/article/pii/S0026271418300039</a> M23		
4	Vojkan Davidović, Danijel Danković, Aleksandar Ilić, Ivica Manić, Snežana Golubović, Snežana Djorić-Veljković, Zoran Prijić, Ninoslav Stojadinović, "NBT and irradiation effects in Negative bias temperature instability in p-channel power VDMOSFET ", IEEE Transaction on Nuclear Science, vol. 63, no. 2, pp. 1268-1275 (2016), ISSN 0018-9499, DOI: 10.1109/TNS.2016.2533866, <a href="http://ieeexplore.ieee.org/document/7454831/">http://ieeexplore.ieee.org/document/7454831/</a>		
5	Danijel Danković, Ninoslav Stojadinović, Zoran Prijić, Ivica Manić, Vojkan Davidović, Aneta Prijić, Snežana Djorić-Veljković and Snežana Golubović, " Analysis of recoverable and permanent components of threshold voltage shift in NBT stressed p-channel power VDMOSFET", Chinese Physics B, vol. 24, no. 10, pp. 106601-1-106601-9 (2015), ISSN 1674-1056, DOI: 10.1088/1674-1056/24/10/106601, <a href="http://iopscience.iop.org/article/10.1088/1674-1056/24/10/106601">http://iopscience.iop.org/article/10.1088/1674-1056/24/10/106601</a> M22		

6	Danijel Danković, Ivica Manić, Aneta Prijić, Snežana Djorić-Veljković, Vojkan Davidović, Ninoslav Stojadinović, Zoran Prijić and Snežana Golubović, "Negative bias temperature instability in p-channel power VDMOSFETs: recoverable versus permanent degradation", Semiconductor Science and Technology, vol. 30, no. 10, p. 105009 (9pp) (2015), ISSN 1361-6641, DOI: 10.1088/0268-1242/30/10/105009, <a href="http://iopscience.iop.org/article/10.1088/0268-1242/30/10/105009">http://iopscience.iop.org/article/10.1088/0268-1242/30/10/105009</a> M21
7	Snežana Djorić-Veljković, Ivica Manić, Vojkan Davidović, Danijel Danković, Snežana Golubović and Ninoslav Stojadinović, "Annealing influence on recovery of electrically stressed power vertical double-diffused metal oxide semiconductor transistors", Japanese Journal of Applied Physics, vol. 54, no. 6, pp. 064101-1-064101-7 (2015), ISSN 1347-4065 (online) 0021-4922 (print) DOI:10.7567/JJAP.54.064101, <a href="http://iopscience.iop.org/article/10.7567/JJAP.54.064101/meta;jsessionid=DFF6F0F205410326914C50155654C1E1.c1.iopscience.cld.iop.org">http://iopscience.iop.org/article/10.7567/JJAP.54.064101/meta;jsessionid=DFF6F0F205410326914C50155654C1E1.c1.iopscience.cld.iop.org</a> M23
8	Snežana Djorić-Veljković, Ivica Manić, Vojkan Davidović, Danijel Danković, Snežana Golubović, and Ninoslav Stojadinović, "The Comparison of Gamma-Radiation and Electrical Stress Influences on Oxide and Interface Defects in Power VDMOSFET", Nuclear Technology & Radiation Protection, vol. 28, No. 4, pp. 406-414 (2013), ISSN 1451-3994, UDC 621.039+614.876:504.06, DOI: 10.2298/NTRP1304406D, <a href="http://ntrp.vin.bg.ac.rs/2013_4/DjoricVeljkovic2013_4.htm">http://ntrp.vin.bg.ac.rs/2013_4/DjoricVeljkovic2013_4.htm</a> M22
9	Danijel Danković, Ivica Manić, Aneta Prijić, Vojkan Davidović, Snežana Djorić-Veljković, Snežana Golubović, Zoran Prijić and Ninoslav Stojadinović, "Effects of static and pulsed negative bias temperature stressing on lifetime in p-channel power VDMOSFETs", Informacije MIDEM, Journal of Microelectronics, Electronic Components and Materials, vol. 43, no. 1, pp. 58-66 (2013), ISSN 0352-9045, UDK: 621.3:(53+54+621+66)(05)(497.1)=00, <a href="http://www.midem-drustvo.si/Journal%20papers/MIDEM_43%282013%291p58.pdf">http://www.midem-drustvo.si/Journal%20papers/MIDEM_43%282013%291p58.pdf</a> M23
10	Ivica Manić, Danijel Danković, Aneta Prijić, Vojkan Davidović, Snežana Djorić-Veljković, Snežana Golubović, Zoran Prijić and Ninoslav Stojadinović, "NBTI related degradation and lifetime estimation in p-channel power VDMOSFETs under the static under the static and pulsed NBT stress conditions", Microelectronics Reliability, vol. 51, pp. 1540-1543 (2011), ISSN 0026-2714, DOI: 10.1016/j.microrel.2011.06.004 <a href="http://www.sciencedirect.com/science/article/pii/S0026271411001946">http://www.sciencedirect.com/science/article/pii/S0026271411001946</a> M22

**Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer**

Total number of citations	513	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	47	Number of international projects at which the lecturer currently participates	1

**Specializations**

<b>Other data considered relevant</b>			



## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Jovanović S. Goran		
<b>Title</b>	Full professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	12.10.1989		
<b>Specific scientific (artistic) field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	10.07.2017	University of Niš, Faculty of Electronic Engineering	Electronics
PhD	08.06.2006	University of Niš, Faculty of Electronic Engineering	Electronics
Specialization			
MA/MSc	23.06.1995	University of Niš, Faculty of Electronic Engineering	Electronics
Diploma	10.07.1989	University of Niš, Faculty of Electronic Engineering	Electronics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Electronics for Multimedia systems		BAS
2	Video Production		BAS
3	RF Electronics		BAS
4	Gaming		BAS
5	Gaming 2		BAS
6	RF Systems		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Goran S. Nikolic, Mile K. Stojcev, Tatjana R. Nikolic, Branislav D. Petrovic, Goran S. Jovanovic, Bojan R. Dimitrijevic, "Implementation and evaluation of 2D SEC-DED forward error correction scheme in wireless sensor networks", <i>Microelectronics Reliability</i> , Elsevier, Vol. 78C, pp. 161–180, 2017., (M22), ISSN: 0026-2714 (Print), DOI: <a href="http://dx.doi.org/10.1016/j.microrel.2017.08.010">http://dx.doi.org/10.1016/j.microrel.2017.08.010</a>		
2	Goran Nikolić, Goran Jovanović, Mile Stojčev and Tatjana Nikolić, "Precharged Phase Detector with Zero Dead-Zone and Minimal Blind-Zone", <i>Journal of Circuits, Systems, and Computers</i> , Vol. 26, No. 11 (2017) 1750179 (16 pages), World Scientific Publishing Company, ISSN: 0218-1266 (Print), 1793-6454 (Online), DOI: <a href="http://dx.doi.org/10.1142/S0218126617501791">http://dx.doi.org/10.1142/S0218126617501791</a>		
3	Goran S. Nikolić, Mile K. Stojčev, Tatjana R. Nikolić, Branislav D. Petrović, Goran S. Jovanović, "Reliable data transfer Rendezvous protocol in wireless sensor networks using 2D-SEC-DED encoding technique", <i>Microelectronics Reliability</i> , Elsevier, Vol. 65, pp. 289–309, 2016., (M22), ISSN: 0026-2714 (Print), <a href="http://dx.doi.org/10.1016/j.microrel.2016.08.017">http://dx.doi.org/10.1016/j.microrel.2016.08.017</a>		
4	Goran S. Jovanović, Darko B. Mitić, Mile K. Stojčev and Dragan S. Antić, "Self-tuning OTA-C notch filter with constant Q-factor", <i>Journal of Circuits, Systems, and Computers</i> , World Scientific Publishing Company, Vol. 25, No. 5, pp. 1650045,1-14, 2016., (M23), ISSN: 0218-1266 (Print), 1793-6454 (Online) DOI: <a href="http://dx.doi.org/10.1142/S0218126616500456">http://dx.doi.org/10.1142/S0218126616500456</a>		
5	Marko S. Andjelković, Vladimir Petrović, Zoran Stamenković, Goran S. Ristić, Goran S. Jovanović, "Circuit-level Simulation of the Single Event Transients in an On-chip Single Event Latchup Protection Switch", <i>Journal of Electronic Testing: Theory and Applications</i> , Springer, Vol. 31, Issue 3, pp. 275-289, June 2015. (M23), ISSN: 0923-8174 (Print), 1573-0727 (Online), DOI: <a href="http://dx.doi.org/10.1007/s10836-015-5529-1">http://dx.doi.org/10.1007/s10836-015-5529-1</a>		
6	Darko B. Mitić, Goran S. Jovanović, Mile K. Stojčev and Dragan S. Antić, "Phase-synchroniser based on gm-C all-pass filter chain with sliding mode control", <i>International Journal of Electronics</i> , Taylor & Francis, Vol. 102, Issue 3, pages 362-375, 2015. (M23), ISSN: 0020-7217 (Print), 1362-3060 (Online), DOI: <a href="http://dx.doi.org/10.1080/00207217.2014.896421">http://dx.doi.org/10.1080/00207217.2014.896421</a>		
7	Nemanja Savić, Mile Stojčev, Tatjana Nikolić, Vladimir Petrović and Goran Jovanović, "Reconfigurable Low Power Architecture for Fault Tolerant Pseudo-Random Number Generation", <i>Journal of Circuits, Systems, and Computers</i> , World Scientific Publishing Company, Vol. 23, No. 1, pp. 1-21, 2014., (M23), ISSN: 0218-1266 (Print), 1793-6454 (Online), DOI: <a href="http://dx.doi.org/10.1142/S0218126614500029">http://dx.doi.org/10.1142/S0218126614500029</a>		

8	Goran Jovanović, Mile Stojčev, Tatjana Nikolić, "Clock jitter generator with picoseconds resolution", International Journal of Electronics, Vol. 100, No. 6, pp. 779-792, 2013. (M23), ISSN: 0020-7217 (Print), 1362-3060 (Online), DOI: <a href="http://dx.doi.org/10.1080/00207217.2012.720953">http://dx.doi.org/10.1080/00207217.2012.720953</a>
9	Goran S. Jovanović, 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., (M23), ISSN: 0218-1266 (Print), 1793-6454 (Online), DOI: <a href="http://dx.doi.org/10.1142/S0218126613500084">http://dx.doi.org/10.1142/S0218126613500084</a>
10	Goran S. Jovanović, 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. (M23), ISSN: 1582-7445 (Print), 1844-7600 (Online), DOI: <a href="http://dx.doi.org/10.4316/AECE.2012.01007">http://dx.doi.org/10.4316/AECE.2012.01007</a>

**Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer**

Total number of citations	300	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	14	Number of international projects at which the lecturer currently participates	0

**Specializations**

**Other data considered relevant**


## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Mančić D. Dragan		
<b>Title</b>	Full professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	27.1.1992.		
<b>Specific scientific (artistic) field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	27.02.2013	University of Niš, Faculty of Electronic Engineering	Electronics
PhD	13.12.2002	University of Niš, Faculty of Electronic Engineering	Electronics
Specialization			
MA/MSc	28.03.1995	University of Niš, Faculty of Electronic Engineering	Electronics
Diploma	05.07.1991	University of Niš, Faculty of Electronic Engineering	Electronics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Introduction to Electronics		BAS
2	Fundamentals of Power Electronics		BAS
3	Renewable Energy		BAS
4	Power Electronic Converters		BAS
5	Solar Devices and Systems		BAS
6	Thermovision		BAS
7	Power Supplies		BAS
8	Renewable Energy		BAS
9	Electronic Control Circuits for Converters		MAS
10	Solar Technologies and Devices		MAS
11	Ultrasonic Technique		MAS
12	Design of Photovoltaic Systems		MAS
13			
14			
15			
<b>Representative references (at minimum 5, not more than 10)</b>			
1	S.Lale, M.Šoja, S.Lubura, D.Mančić: "Application of I <sup>2</sup> Technique on Dual Current Mode Control of Power Electronics Converters", Electrical Engineering, Vol. 100, No. 3, pp. 1761–1772, September 2018.		
2	M.Bлагоjević, U.Jovanović, I.Jovanović, D.Mančić: "Folded Bus Bar Current Transducer Based on Hall Effect Sensor", Electrical Engineering, Vol. 100, No. 2, pp. 1243–1251, June 2018.		
3	I.Jovanović, D.Mančić, U.Jovanović, M.Prokić: "A 3D Model of New Composite Ultrasonic Transducer", Journal of Computational Electronics, Vol. 16, No. 3, pp. 977-986, September 2017.		
4	U.Jovanović, D.Mančić, I.Jovanović, Z.Petrušić: "Temperature Measurement of Photovoltaic Modules Using Non-Contact Infrared System", Journal of Electrical Engineering & Technology, Vol. 12, No. 2, pp. 904-910, 2017.		
5	M.Bлагоjević, U.Jovanović, I.Jovanović, D.Mančić, R.S.Popović: "Realization and Optimization of Bus Bar Current Transducers Based on Hall Effect Sensors", Measurement Science and Technology, Vol. 27, No. 6, Paper No. 065102 (11pp), June 2016.		
6	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, Sep.-Dec. 2012.		
7	D.Milčić, M.Mijajlović, N.Pavlović, M.Vukić, D.Mančić: "Temperature Based Validation of the Analytical Model for the Estimation of the Amount of Heat Generated During Friction Stir Welding", Thermal Science, Vol. 16, Suppl. 2, pp. S337-S350, 2012.		
8	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.		
9	D.Tanikić, M.Manić, G.Radenković, D.Mančić: "Metal Cutting Process Parameters Modeling: An Artificial Intelligence Approach", Journal of Scientific and Industrial Research, Vol. 68, No. 6, pp. 530-539, June 2009.		
10	A.Prijić, Z.Prijić, B.Pešić, D.Pantić, S.Ristić, D.Mančić, Z.Petrušić: "Design and Optimization of S-Type Thermal Cutoffs", IEEE Transactions on Components and Packaging Technologies; IEEE Components, Vol. 31, No. 4, pp. 904-912, December 2008.		
<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>			
<b>Total number of citations</b>	209	<b>Number of domestic projects at which the lecturer currently participates</b>	2

Total number of papers on the SCI (SSCI) list	21	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Manić Đ. Ivica		
<b>Title</b>	Full professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	01. 07. 1998.		
<b>Specific scientific (artistic) field</b>	Microelectronics and Microsystems		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	11.07.2016.	University of Niš, Faculty of Electronic Engineering	Microelectronics and Microsystems
PhD	02.03.2006.	University of Niš, Faculty of Electronic Engineering	Microelectronics and Microsystems
Specialization			
MA/MSc	25.03.1991.	Kanazawa University, Faculty of Technology, Kanazawa	Electronic Materials
Diploma	04.04.1985.	University of Niš, Faculty of Electronic Engineering	Microelectronics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Characterization of Electronic Devices		BAS
2	Power Devices and Circuits		BAS
3	Components for Telecommunications		BAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Ninoslav Stojadinović, Snežana Djorić-Veljković, Vojkan Davidović, Snežana Golubović, Srboľjub Stanković, Aneta Prijić, Zoran Prijić, Ivica Manić, Danijel Danković, "NBTI and irradiation related degradation mechanisms in power VDMOS transistors", Microelectron. Reliab., Vol. 88-90, 2018, pp. 135-141, ISSN 0026-2714, DOI:10.1016/j.microrel.2018.07.138		
2	Vojkan Davidović, Danijel Danković, Aleksandar Ilić, Ivica Manić, Snežana Golubović, Snežana Djorić-Veljković, Zoran Prijić, Aneta Prijić, Ninoslav Stojadinović, "Effects of consecutive irradiation and bias temperature stress in p-channel power vertical double-diffused metal oxide semiconductor transistors", Jpn. J. Appl. Phys., Vol. 57, 2018, 044101 (10 pp.), ISSN 0021-4922 (Print) ISSN 1347-4065 (Online) DOI:10.7567/JJAP.57.044101		
3	Danijel Danković, Ivica Manić, Aneta Prijić, Vojkan Davidović, Zoran Prijić, Snežana Golubović, Snežana Djorić-Veljković, Albena Paskaleva, Dencho Spassov, Ninoslav Stojadinović, "A review of pulsed NBTI in P-channel power VDMOSFETs", Microelectron. Reliab., Vol. 82, 2018, pp. 28-36, ISSN 0026-2714, DOI:10.1016/j.microrel.2018.01.003		
4	Danijel Danković, Ivica Manić, Vojkan Davidović, Aneta Prijić, Miloš Marjanović, Aleksandar Ilić, Zoran Prijić, Ninoslav Stojadinović, "On the recoverable and permanent components of NBTI in p-channel power VDMOSFETs", IEEE Trans. Dev. Mater. Reliab., Vol. 16, No. 4, December 2016, pp. 522-531, DOI: 10.1109/TDMR.2016.2598557		
5	Vojkan Davidović, Danijel Danković, Aleksandar Ilić, Ivica Manić, Snežana Golubović, Snežana Djorić-Veljković, Zoran Prijić, Ninoslav Stojadinović, "NBTI and irradiation effects in p-channel power VDMOS Transistors", IEEE Trans. Nucl. Sci., Vol.63, No. 2, 2016, pp.1268-1275, DOI: 10.1109/TNS.2016.2533866		
6	Ivica Manić, Danijel Danković, Vojkan Davidović, Aneta Prijić, Snežana Đorić-Veljković, Snežana Golubović, Zoran Prijić, Ninoslav Stojadinović, "Effects of Pulsed Negative Bias Temperature Stressing in P-Channel Power VDMOSFETs", Facta Universitatis, Series: Electronics and Energetics, Vol. 29, No. 1, March 2016, pp 49-60, DOI: 10.2298/FUEE1601049M		

7	Danijel Danković, Ninoslav Stojadinović, Zoran Prijjić, Ivica Manić, Vojkan Davidović, Aneta Prijjić, Snežana Djorić-Veljković, Snežana Golubović, "Analysis of recoverable and permanent components of threshold voltage shift in NBT stressed p-channel power VDMOSFETs", Chin. Phys. B, Vol. 24, No. 10, 2015, 106601 (9 pp.), ISSN 1674-1056, DOI:10.1088/1674-1056/24/10/106601
8	Danijel Danković, Ivica Manić, Aneta Prijjić, Snežana Djorić-Veljković, Vojkan Davidović, Ninoslav Stojadinović, Zoran Prijjić, Snežana Golubović, "Negative bias temperature instability in p-channel power VDMOSFETs: recoverable versus permanent degradation", Semicond. Sci. Technol., Vol. 30, 2015, 105009 (9 pp.), ISSN 0268-1242 (Print), ISSN 1361-6641 (Online), DOI:10.1088/0268-1242/30/10/105009
9	Snežana Djorić-Veljković, Ivica Manić, Vojkan Davidović, Danijel Danković, Snežana Golubović, Ninoslav Stojadinović, "Annealing influence on recovery of electrically stressed power vertical double-diffused metal oxide semiconductor transistors", Jpn. J. Appl. Phys., Vol. 54, 2015, 064101 (7 pp.), ISSN 0021-4922 (Print) ISSN 1347-4065 (Online) DOI:10.7567/JJAP.54.064101
10	Ivica Manić, Danijel Danković, Aneta Prijjić, Zoran Prijjić, Ninoslav Stojadinović, "Measurement of NBTI degradation in p-channel power VDMOSFETs", Informacije MIDEM J. Microelectronics, Electronic Components and Materials, Vol. 44, 2014, pp. 280-287, ISSN 0352-9045 (Print), ISSN 2232-6979 (Online), <a href="http://www.midem-drustvo.si/Journal%20papers/MIDEM_44(2014)4p280.pdf">http://www.midem-drustvo.si/Journal%20papers/MIDEM_44(2014)4p280.pdf</a>

#### Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer

Total number of citations	140	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	35	Number of international projects at which the lecturer currently participates	2

#### Specializations

#### Other data considered relevant

Nostrification of the Master's degree diploma in Electrical Engineering from the Faculty of Technology, Kanazawa University, Japan, was carried out by the Scientific-teaching Council of the Faculty of Electronic Engineering, University of Niš, on June 20, 1991.

Co-author of the chapter in a monograph of national significance: Snežana Golubović, Snežana Djorić-Veljković, Ivica Manić, Vojkan Davidović, "Effects of gate oxide stressing in VDMOS power devices", Edition: Monographs, University of Niš - Faculty of Electronic Engineering, 2006, ISBN 86-85195-16-0 (in Serbian)

Co-author of the chapter in a monograph of international significance: 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

Co-author of the chapter in a monograph of international significance: Ninoslav Stojadinović, Ivica Manić, Danijel Danković, Snežana Djorić-Veljković, Vojkan Davidović, Aneta Prijjić, Snežana Golubović, Zoran Prijjić, Negative Bias Temperature Instability in Thick Gate Oxides for Power MOS Transistors, in "Bias Temperature Instability for Devices and Circuits", edited by Tibor Grasser, Springer, New York, pp. 533-560, 2014, ISBN 978-1-4614-7908-6, ISBN 978-1-4614-7909-3

Member of Editorial Advisory Board of Microelectronics Reliability journal (Elsevier) since 2009.

## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>				Marinković D. Slađana			
<b>Title</b>				Full professor			
<b>The name of the institution in which the lecturer works full time</b>				University of Niš, Faculty of Electronic Engineering			
<b>Date of employment</b>				19. 12. 1986.			
<b>Specific scientific (artistic) field</b>				Mathematics			
<b>Academic career</b>							
		<b>Date</b>	<b>Institution</b>			<b>Field</b>	
Election		11.07.2016	University of Niš, Faculty of Electronic Engineering			Mathematics	
PhD		30. 11. 2005.	University of Niš, Faculty of Sciences and Mathematics			Mathematics	
Specialization							
MA/MSc		20. 04. 1995.	University of Niš, Faculty of Electronic Engineering			Mathematics	
Diploma		15. 02. 1986.	University of Niš, Faculty of Philosophy			Mathematics	
<b>The list of courses the lecturer teaches</b>							
<b>Number</b>	<b>The name of the course</b>					<b>Type of studies</b>	
1	Mathematics 1					BAS	
2	Mathematics 2					BAS	
3	Differential equations					BAS	
4	Mathematical Methods					BAS	
5	Methods of optimization					MAS	
6	Methods of optimization					MAS	
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15							
<b>Representative references (at minimum 5, not more than 10)</b>							
1	Predrag M. Rajković, Slađana D. Marinković, Marko D. Petković, A class of orthogonal polynomials related to the generalized Laguerre weight with two parameters, Computational and Applied Mathematics 38:10 (2019) <a href="https://doi.org/10.1007/s40314-019-0783-y">https://doi.org/10.1007/s40314-019-0783-y</a>						
2	Predrag M. Rajković, Miomir S. Stanković, Slađana D. Marinković, The Laplace transform induced by the deformed exponential function of two variables, Fractional Calculus and Applied Analysis, Vol. 21, Issue 3 (2018) 775-785						
3	Predrag M. Rajković, Miomir S. Stanković, Slađana D. Marinković, Mokhtar Kirane, On q-Steffensen Inequality, Electronic Journal of Differential Equations, Vol. 2018, No. 112 (2018) 1–11						
4	Wolfram Koepf, Predrag M. Rajković, Slađana D. Marinković, On a connection between formulas about q-gamma functions, Journal of Nonlinear Mathematical Physics, Vol. 23, No. 3 (2016) 343–350						
5	Predrag M. Rajković, Franz Hinterleitner, Slađana D. Marinković, Polynomials associated with a functional product of the Hermite type, Mathematical Methods in The Applied Sciences, Vol. 39 (2016) 2358–2367						
6	Predrag M. Rajković, Slađana D. Marinković, Miomir S. Stanković, Orthogonal polynomials with varying weight of Laguerre type, Filomat 29:5 (2015) 1053–1062						
7	Slađana D. Marinković, Predrag M. Rajković, Miomir S. Stanković, The q-iterative methods in numerical solving of some equations with infinite products, Facta Universitatis (Nis), Ser. Math. Inform. Vol. 28, No 4 (2013) 379–392						
8	Miomir S. Stanković, Slađana D. Marinković, Predrag M. Rajković, The deformed exponential functions of two variables in the context of various statistical mechanics, Applied Mathematics and Computation 218 (2011) 2439–2448						
9	Slađana D. Marinković, Predrag M. Rajković, Miomir S. Stanković, The inequalities for some types of q-integrals, Computers and Mathematics with Applications 56 (2008) 2490–2498						
10	Ljubiša M. Kocić, Gradimir V. Milovanović, Slađana D. Marinković, Operaciona istraživanja, udžbenik, edicija: Osnovni udžbenici, Elektronski fakultet u Nišu, 2007.						
<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>							
<b>Total number of citations</b>		414		<b>Number of domestic projects at which the lecturer currently participates</b>		2	

Total number of papers on the SCI (SSCI) list	18	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			



## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Milić Lj. Miljana		
<b>Title</b>	Assistant professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	10.12.2001.		
<b>Specific scientific (artistic) field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	16.03.2015	University of Niš, Faculty of Electronic Engineering	Electronics
PhD	26.06.2009.	University of Niš, Faculty of Electronic Engineering	Electronics
Specialization			
MA/MSc	15.04.2005.	University of Niš, Faculty of Electronic Engineering	Electronics
Diploma	17.05.2001.	University of Niš, Faculty of Electronic Engineering	Electronics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Basics of Electronics		BAS
2	Electronic Circuits and Embedded systems		BAS
3	Medical Electronics		BAS
4	Electronic Circuits Testing		BAS
5	Electronic Systems Design		BAS
6	Medical Electronic Systems		MAS
7	Simulation and Optimization of Electronic Circuits		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Miljana Milić , Vančo Litovski, Mark Zwolinski: New Concepts of Worst Case Delay and Yield Estimation in Asynchronous VLSI Circuits, Microelectronics Reliability, February, 2009, vol. 49, issue2, pp. 186-198, ISSN:0026-2714, (M22 )		
2	Sokolović, M. , Litovski, V., Zwolinski, M.: Efficient and realistic statistical worst case delay computation using VHDL, Electrical Engineering, Volume 91, Numbers 4-5, December, 2009, pp. 197-210, ISSN 0948-7921, (M23 )		
3	Nikolić, Pt., Milić, M. , Krstić, Dr., Stefanović, M.: Performance Analysis of SSC/SC Combiner at Two Time Instants in the Presence of Rayleigh Fading, Frequenz, Vol 65, Issue 11-12, November, 2011, pp. 319-325, ISSN 0016-1136, doi:10.1515/FREQ.2011.048, (M23 )		
4	Andrejević Stošović, M., Milić, M. , Litovski, V.: Analog Filter Diagnosis Using the Oscillation Based Method, Journal of Electrical Engineering - ElektrotehnickÁ, Vol. 63, No. 6, 2012, pp. 349-356, ISSN 1335-3632, (M23 )		
5	Andrejević Stošović, M., Milić, M. , Zwolinski, M., Litovski, V.: Oscillation-based analog diagnosis using artificial neural networks based inference mechanism, Computers and electrical engineering, Vol. 39, Issue 2, Elsevier, February, 2013, pp. 190-201, ISSN 0045-7906, (M23 )		
6	Nebojša Milenković, Vladimir Stanković, Miljana Milić : Modular design of fast leading zeros counting circuit, Journal of ELECTRICAL ENGINEERING, VOL. 66, NO. 6, 2015, pp. 329-333, (M23 )		
7	Miljana Milić , Vančo Litovski: Oscillation-based Testing Method for Detecting Switch in high-Q SC Biquad Filters, Facta Universitatis, Series: Electronics and Energetics, Vol. 28, No 2, June , 2015, pp. 223-236, ISSN 0353-3670 (prn.)/ISSN 2217-5997(online), doi:10.2298/FUEE1502223M, (M24 )		
8	Milić, M. , Ljubenović, M.: Arduino-Based Non-Contact System for Thermal-Imaging of Electronic Circuits, Zooming Innovation in Consumer Electronics International Conference, Novi Sad, 30.05.-31.05., 2018, pp. 62-67, ISBN: 978-1-5386-4928-2, doi:10.1109/ZINC.2018.8448944, (M33 )		
9	Lukač, D., Milić, M. , Nikolić, J.: From Artificial Intelligence to Augmented Age An Overview, Zooming Innovation in Consumer Electronics International Conference 2018, Novi Sad, 30.05.-31.05., 2018, pp. 100-103, ISBN: 978-1-5386-4928-2, doi:10.1109/ZINC.2018.8448793, (M33 )		
10	Milić, M. , Litovski, V.: New concepts of asynchronous circuits worst-case delay and yield estimation, Micro Electronic and Mechanical Systems (chapter in book), Intech, 2009, pp. 455-476, ISBN 978-953-307-027, (M14 )		
<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>			

Total number of citations	117	Number of domestic projects at which the lecturer currently participates	2
Total number of papers on the SCI (SSCI) list	6	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Mitić V. Vojislav		
<b>Title</b>	Full professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	1.9.1992.		
<b>Specific scientific (artistic) field</b>	Electronic Materials		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	11.09.2006	University of Niš, Faculty of Electronic Engineering	Electronic Materials
PhD	24.3.1995.	University of Niš, Faculty of Electronic Engineering	Electronic Materials
Specialization	05.1995.	International Society for Stereology	Materials Structure, Stereology
MA/MSc	23.2.1990.	University of Belgrade, Institute for Multidisciplinary Re	Electronic Materials
Diploma	30.12.1982.	University of Niš, Faculty of Electronic Engineering	Electronic Materials
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Advanced Materials and Technologies		BAS
2	Electrotechnical Materials		BAS
3	Materials Characterization		BAS
4	Materials for Advanced and Alternative Energy Sources		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Vosika, Z.B., Mitić, V.V., Lazović, G., Paunović, V., Kocić, L., "Meso-kinetics of one time relaxation electrical processes in BaTiO <sub>3</sub> ceramics—modified Boltzmann-Poisson model", <i>Ferroelectrics</i> , vol. 531, no. 1, 27 2018, pp. 38-50. <a href="https://ezproxy.nb.rs:2112/record/display.uri?eid=2-s2.0-85051865628&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=9d54dee69384796182e0322bb1925c65&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2857188534799%29&amp;relpos=0&amp;citeCnt=0&amp;searchTerm= M23">https://ezproxy.nb.rs:2112/record/display.uri?eid=2-s2.0-85051865628&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=9d54dee69384796182e0322bb1925c65&amp;sot=autdocs&amp;sdt=autdocs&amp;sl=18&amp;s=AU-ID%2857188534799%29&amp;relpos=0&amp;citeCnt=0&amp;searchTerm= M23</a>		
2	Mitic, V.V., Fecht, H.-J., Mohr, M., Lazovic, G., Kocic, L., Exploring fractality of microcrystalline diamond films, <i>AIP Advances</i> , 8, 075024 (2018); doi: 10.1063/1.5034469 <a href="https://doi.org/10.1063/1.5034469">https://doi.org/10.1063/1.5034469</a> <a href="https://aip.scitation.org/toc/adv/8/7?expanded=8">https://aip.scitation.org/toc/adv/8/7?expanded=8</a> M21		
3	Vuckovic, V., Mitic, V.V., Kocic, L., Paunovic, V., Nikolic, R., Tesla's Fountain – Modeling and simulation in ceramics technology, <i>Journal of the European Ceramic Society</i> , 2018. Volume: 38, Issue: 8, Pages: 3049-3056, DOI: 10.1016/j.jeurceramsoc.2018.01.041, <a href="https://ezproxy.nb.rs:2055/journal/journal-of-the-european-ceramic-society/vol/38/issue/8">https://ezproxy.nb.rs:2055/journal/journal-of-the-european-ceramic-society/vol/38/issue/8</a> M21		
4	Mitic, V.V., Kocic, L., Paunovic, V., Lazović, G., Miljkovic, M, Fractal nature structure reconstruction method in designing microstructure properties, <i>Materials Research Bulletin</i> , 2018. Volume: 101, Pages: 175-183, DOI: 10.1016/j.materresbull.2018.01.019 , <a href="https://ezproxy.nb.rs:2055/journal/materials-research-bulletin/vol/101/suppl/C">https://ezproxy.nb.rs:2055/journal/materials-research-bulletin/vol/101/suppl/C</a> M21		
5	V. Nikolić, V.V. Mitić, Lj.M. Kocić, D. Petković, Wind speed parameters sensitivity analysis based on fractals and neuro-fuzzy selection technique, <i>Knowledge and Information Systems</i> (2017) 52 (1), pp. 225-265 IF(2016)= 2.004 <a href="https://link.springer.com/content/pdf/10.1007%2Fs10115-016-1006-0.pdf">https://link.springer.com/content/pdf/10.1007%2Fs10115-016-1006-0.pdf</a> M21		
6	A.Terzić, L.L. Pezo, Lj.D. Andrić, V.B. Pavlović, V.V.Mitić, Optimization of bentonite clay mechano-chemical activation using Artificial neural network modeling, <i>Ceramics Int.</i> , 43 (2017) 2, pp. 2549–2562. IF(2015)= 2.758 <a href="https://ac.els-cdn.com/S0272884216320594/1-s2.0-S0272884216320594-main.pdf?_tid=ec4c5f6c-0511-11e8-8d82-00000aab0f6b&amp;acdnat=1517243697_0913d35e03b3fd64a49d5735a9f223ce">https://ac.els-cdn.com/S0272884216320594/1-s2.0-S0272884216320594-main.pdf?_tid=ec4c5f6c-0511-11e8-8d82-00000aab0f6b&amp;acdnat=1517243697_0913d35e03b3fd64a49d5735a9f223ce</a> M21a		

7	Z. Vosika, V.V. Mitić, A. Vasić, G. Lazović, L. Matija, Lj.M. Kocić, Multistep generalized transformation method applied to solving equations of discrete and continuous time-fractional enzyme kinetics, Communications in Nonlinear Science and Numerical Simulation, Volume 44, March 2017, Pages 373–389. DOI: 10.1016/j.cnsns.2016.08.024. IF(2015) = 2.784 <a href="https://ac.els-cdn.com/S1007570416303082/1-s2.0-S1007570416303082-main.pdf?_tid=bc0afbd8-0511-11e8-8d82-00000aab0f6b&amp;acdnat=1517243616_60de1f7bd36976ae22a7fa4db44495ea">https://ac.els-cdn.com/S1007570416303082/1-s2.0-S1007570416303082-main.pdf?_tid=bc0afbd8-0511-11e8-8d82-00000aab0f6b&amp;acdnat=1517243616_60de1f7bd36976ae22a7fa4db44495ea</a> M21
8	A. Terzic, L. Pezo, V.V. Mitic, Optimization of drying through analytical modeling: clays as bonding agents in refractory material, 2016, Ceramics International, Volume 42, Pages 6301-6311, DOI 10.1016/j.ceramint.2016.01.018 IF(2016)= 2.986 M21a
9	V. Paunovic, V.V.Mitic, Lj.Kocic, Dielectric characteristic of donor-acceptor modified BaTiO3 ceramics, Ceramics Int. 42 (2016) 11692–11699. <a href="https://ac.els-cdn.com/S0272884216304801/1-s2.0-S0272884216304801-main.pdf?_tid=6a9eef70-0511-11e8-8c1f-00000aab0f27&amp;acdnat=1517243480_f7b31ae285486eaa5b0d3409b26189df">https://ac.els-cdn.com/S0272884216304801/1-s2.0-S0272884216304801-main.pdf?_tid=6a9eef70-0511-11e8-8c1f-00000aab0f27&amp;acdnat=1517243480_f7b31ae285486eaa5b0d3409b26189df</a> M21a
10	V.V.Mitić, V.Paunović, Lj.Kocić, Fractal approach to BaTiO3-ceramics micro-impedances, Ceramics Int., Vol 41 Issue (5), pp. 6566–6574, (2015). DOI: 10.1016/j.ceramint.2015.01.102 IF(2013)= 2.110 <a href="https://www.sciencedirect.com/science/article/pii/S0272884215001492/pdf?md5=8904b67d7349175797d59f2e2aefedb3&amp;pid=1-s2.0-S0272884215001492-main.pdf">https://www.sciencedirect.com/science/article/pii/S0272884215001492/pdf?md5=8904b67d7349175797d59f2e2aefedb3&amp;pid=1-s2.0-S0272884215001492-main.pdf</a> M21a

**Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer**

Total number of citations	449	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	76	Number of international projects at which the lecturer currently participates	4

**Specializations**

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**Other data considered relevant**

Scientific Adviser in Institute of Technical Sciences of Serbian Academy of Sciences
Fellow of The American Ceramic Society
Member of European Academy of Sciences and Arts
Member of World Academy of Ceramics
President of Serbian Ceramics Society / Chairmen of the Serbian Chapter of American Ceramic Society

## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Nikolić R. Tatjana		
<b>Title</b>	Associate professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	15.10.2001.		
<b>Specific scientific (artistic) field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	26.10.2016	University of Niš, Faculty of Electronic Engineering	Electronics
PhD	01.10.2010.	University of Niš, Faculty of Electronic Engineering	Electronics
Specialization			
MA/MSc	15.04.2005.	University of Niš, Faculty of Electronic Engineering	Electronics
Diploma	20.04.2000.	University of Niš, Faculty of Electronic Engineering	Electronics and Telecommunications
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Microprocessor Systems		BAS
2	Computer Networks		BAS
3	Embedded Systems		BAS
4	Computer Networks Design		BAS
5	DSP Algorithms and Programming		MAS
6	Advanced Microprocessor Architectures		MAS
7	Embedded Systems		MAS
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14			
15			
<b>Representative references (at minimum 5, not more than 10)</b>			
1	Tatjana R. Nikolic, Goran S. Nikolic, Goran Lj. Djordjevic, Mile K. Stojcev, "Improving fault-tolerance capability of on-chip binary CDMA bus", The Journal of Supercomputing, Volume 72, Issue 1, January 2016, pp. 275-294, ISSN: 0920-8542, DOI: 10.1007/s11227-015-1513-x		
2	Tatjana Nikolic, Goran Nikolic, Mile Stojcev, Zoran Stamenkovic, "Low-power fault-tolerant interconnect method based on LCDMA and duplication", Microelectronics Reliability, Vol. 55, No. 1, January 2015, pp. 272-281, ISSN: 0026-2714, doi:10.1016/j.microrel.2014.09.029		
3	T. R. Nikolic, M. K. Stojcev, G. Lj. Djordjevic, "CDMA bus based on-chip interconnect infrastructure", Microelectronics Reliability, Vol. 49, No. 4, April 2009, pp. 448-459, ISSN: 0026-2714, doi:10.1016/j.microrel.2009.02.002		
4	Goran S. Nikolic, Mile K. Stojcev, Tatjana R. Nikolic, Branislav D. Petrovic, Goran S. Jovanovic, "Reliable data transfer Rendezvous protocol in wireless sensor networks using 2D-SEC-DED encoding technique", Microelectronics Reliability, Volume 65, October 2016, pp 289-309, ISSN:0026-2714, 2017 Elsevier Ltd., <a href="https://doi.org/10.1016/j.microrel.2016.08.017">https://doi.org/10.1016/j.microrel.2016.08.017</a>		
5	Nemanja Savić, Mile Stojčev, Tatjana Nikolić, Vladimir Petrović, Goran Jovanović, "Reconfigurable Low Power Architecture for Fault Tolerant Pseudo-Random Number Generation", Journal of Circuits, Systems, and Computers, Vol. 23, No. 1 (2014) 1450002 (21 pages), ISSN: 0218-1266, World Scientific Publishing, DOI: 10.1142/S0218126614500029		
6	Goran S. Nikolic, Mile K. Stojcev, Tatjana R. Nikolic, Branislav D. Petrovic, Goran S. Jovanovic, Bojan R. Dimitrijevic, "Implementation and evaluation of 2D SEC-DED forward error correction scheme in wireless sensor networks", Microelectronics Reliability, Volume 78, November 2017, pp 161-180, ISSN: 0026-2714, 2017 Elsevier Ltd., <a href="http://dx.doi.org/10.1016/j.microrel.2017.08.010">http://dx.doi.org/10.1016/j.microrel.2017.08.010</a>		
7	Emina Milovanovic, Mile Stojcev, Igor Milovanovic, Tatjana Nikolic, Zoran Stamenkovic "Concurrent Generation of Pseudo Random Numbers with LFSR of Fibonacci and Galois Type", Computing and Informatics, Vol. 34, No. 4, 2015, pp. 941-958, ISSN: 1335-9150, <a href="http://www.cai.sk/ojs/index.php/cai/article/view/1765">http://www.cai.sk/ojs/index.php/cai/article/view/1765</a>		
8	Goran Nikolić, Goran Jovanović, Mile Stojčev, Tatjana Nikolić, "Precharged Phase Detector with Zero Dead-Zone and Minimal Blind-Zone" Journal of Circuits, Systems and Computers, Vol. 26, No. 11, 1750179 (2017) [16 pages], <a href="https://doi.org/10.1142/S0218126617501791">https://doi.org/10.1142/S0218126617501791</a>		

9	Milovanovic, E. I., Stojcev, M. K., Milovanovic, I. Z., Nikolic, T. R., "Design of Linear Systolic Arrays for Matrix Multiplication", Advances in Electrical and Computer Engineering, Vol. 14, No. 1, February 2014, pp. 37-42, ISSN: 1582-7445, DOI: 10.4316/AECE.2014.01006		
10	Goran Jovanović, Mile Stojčev, Tatjana Nikolić, "Clock jitter generator with picoseconds resolution", International Journal of Electronics, Vol. 100, No. 6, pp. 779-792, 2013., ISSN: 0020-7217, Taylor & Francis Group, DOI: <a href="http://dx.doi.org/10.1080/00207217.2012.720953">http://dx.doi.org/10.1080/00207217.2012.720953</a>		
<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>			
Total number of citations	77	Number of domestic projects at which the lecturer currently participates	2
Total number of papers on 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, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Nikolić V. Saša		
<b>Title</b>	Full professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	01.06.1992		
<b>Specific scientific (artistic) field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	24.12.2018	University of Niš, Faculty of Electronic Engineering	Electronics
PhD	12.02.2004.	University of Niš, Faculty of Electronic Engineering	Electronics
Specialization			
MA/MSc	11.07.1996.	University of Niš, Faculty of Electronic Engineering	Electronics
Diploma	05.11.1991.	University of Niš, Faculty of Electronic Engineering	Electronics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Signals and Systems		BAS
2	Digital Signal Processing		BAS
3	Multimedia Systems		BAS
4	Digital Image Processing		BAS
5	Web technologies 1		BAS
6	Photography		BAS
7	Process Control		BAS
8	TV Systems		BAS
9	Web technologies 2		BAS
10	Graphic Design		BAS
11	Video Signals Processing		MAS
12			
13			
14			
15			
<b>Representative references (at minimum 5, not more than 10)</b>			
1	Saša V. Nikolić, Goran Stančić, Stevica Cvetković: "Design of nearly linear phase double notch digital filters with close notch frequencies", IET Signal Processing, Vol. 12, Issue 9, December 2018, pp. 1107 –1114, Print ISSN1751-9675, Online ISSN1751-9683, DOI: 10.1049/iet-spr.2018.5090		
2	Saša V. Nikolić, Ivan Krstić, Goran Stančić: "Non-iterative design of IIR multiple notch filters with improved passband magnitude response", International Journal of Circuit Theory and Applications, Volume 46, Issue 12, December 2018, pp. 2561-2567, DOI: <a href="https://doi.org/10.1002/cta.2525">https://doi.org/10.1002/cta.2525</a>		
3	Ivan Krstić, Saša V. Nikolić, Goran Stančić, Predrag Lekić: "Design of IIR Multiple-Notch Filters with Symmetric Magnitude Responses about Notch frequencies", Circuits, Systems and Signal Processing, (2018) 37: 5616. <a href="https://doi.org/10.1007/s00034-018-0841-5">https://doi.org/10.1007/s00034-018-0841-5</a> □		
4	Stevica S. Cvetković, Miloš B. Stojanović, Saša V. Nikolić: "Hierarchical ELM ensembles for visual descriptor fusion", Information Fusion, Elsevier, Volume 41, May 2018, pp. 16-24, ISSN 1566-2535, DOI: <a href="http://dx.doi.org/10.1016/j.inffus.2017.07.003">http://dx.doi.org/10.1016/j.inffus.2017.07.003</a> □		
5	Danilo Djordjević, Stevica Cvetković, Saša V. Nikolić: "An accurate method for 3D object reconstruction from unordered sparse views", Signal, Image and Video Processing, Springer, Volume 11, Issue 6, pp. 1147-1154, 2017, DOI: <a href="http://dx.doi.org/10.1007/s11760-017-1069-8">http://dx.doi.org/10.1007/s11760-017-1069-8</a>		
6	Stevica Cvetković, Miloš B. Stojanović, Saša V. Nikolić: "Multi-channel descriptors and ensemble of Extreme Learning Machines for classification of remote sensing images", Signal Processing: Image Communication, Volume 39, November 2015, Pages 111-120, ISSN 0923-5965, <a href="http://dx.doi.org/10.1016/j.image.2015.09.004">http://dx.doi.org/10.1016/j.image.2015.09.004</a> (M22, IF: 1.462)		
7	I. Kostić, Lj. Tomić, A. Kovačević, S. Nikolić: "Thermal Characterization of the Overload Carbon Resistors", International Journal of Photoenergy, Volume 2013 (2013), Article ID 802789, 5 pages, <a href="http://dx.doi.org/10.1155/2013/802789">http://dx.doi.org/10.1155/2013/802789</a>		
8	G. Stančić, S. Nikolić: "Digital linear phase notch filter design based on IIR all-pass filter application", Digital Signal Processing, Vol. 23, pp. 1065-1069, 2013.		

9	S. Cvetković, M. Jelenković, S. Nikolić: "Video summarization using color features and efficient adaptive threshold technique", Przeglad Elektrotechniczny (Review on Electrical Engineering), Vol. 29, No. 2a, pp. 247-250, 2013.
10	S. Nikolić, G. Stančić: "Design of IIR notch filter with approximately linear phase", Circuits, Systems & Signal Processing, ISSN 0278-081X, Volume 31, Issue 6, pp. 2119-2131, 2012. □ □

<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>			
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Total number of citations	63	Number of domestic projects at which the lecturer currently participates	0
Total number of papers on the SCI (SSCI) list	14	Number of international projects at which the lecturer currently participates	0

<b>Specializations</b>			
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<b>Other data considered relevant</b>			
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## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Pantić S. Dragan		
<b>Title</b>	Full professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	19.12.1986.		
<b>Specific scientific (artistic) field</b>	Microelectronics and Microsystems		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	05.07.2004	University of Niš, Faculty of Electronic Engineering	Microelectronics and Microsystems
PhD	08.04.1994.	University of Niš, Faculty of Electronic Engineering	Microelectronics
Specialization			
MA/MSc	06.09.1990.	University of Niš, Faculty of Electronic Engineering	Microelectronics
Diploma	02.07.1986.	University of Niš, Faculty of Electronic Engineering	Microelectronics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Electronic Devices		BAS
2	Design of Microelectronics Devices		BAS
3	Renewable Energy		BAS
4	Solar Devices and Systems		BAS
5	Renewable Energy		BAS
6	Solar Technologies and Devices		MAS
7	Technologies of Organic Semiconductor Materials and Devices		MAS
8	Design of Photovoltaic Systems		MAS
9	Energy, Environment and Sustainable Development		MAS
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14			
15			
<b>Representative references (at minimum 5, not more than 10)</b>			
1	Sanja Aleksić, Aleksandar Pantić, Dragan Pantić, "High electric field stress model of n-channel VDMOSFET based on artificial neural network", Journal of Computational Electronics, pp. 1-10, April 2018; <a href="https://doi.org/10.1007/s10825-018-1167-z">https://doi.org/10.1007/s10825-018-1167-z</a>		
2	Dragana Markušev, Dragan Markušev, Slobodanka Galović, Sanja Aleksić, Dragan Pantić, Dragan Todorović, „The Surface Recombination Velocity and Bulk Lifetime Influences on Photogenerated Excess Carrier Density and Temperature Distributions in n-type Silicon“, Facta Universitatis - Series Electronics and Energetics, pp. 313-328, vol. 31, no. 2 (2018); DOI: 10.2298/FUEE1802313M		
3	Sanja Aleksić, Dragana Markušev, Dragan Pantić, Mihajlo Rabasović, Dragan Markušev, Dragan Todorović, „Electro-acoustic Influence of the Measuring System on the Photoacoustic Signal Amplitude and Phase in Frequency Domain“, Facta Universitatis - Series Physics, Chemistry and Technology, pp. 9-20, vol. 14, no. 1 (2016); DOI: 10.2298/FUEPCT1601009A		
4	Sanja Aleksić, Biljana Pešić, Dragan Pantić, "Simulation of semiconductor bulk trap influence on the electrical characteristics of the n-channel power VDMOS transistor", Informacije MIDEM Journal of Microelectronics, Electronics Components and Materials, vol. 43, no. 2, pp. 124-130, 2013; <a href="https://doi.org/10.1007/s10825-018-1167-z">https://doi.org/10.1007/s10825-018-1167-z</a>		
5	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); DOI:10.1063/1.4731630		
6	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		
7	Darko Bjelopavlić, Sanja Aleksić, Danijela Pantić, Branimir Djordjević, Dragan Pantić, „Simulation and Optimization of HIT Solar Cells with Intrinsic Thin Amorphous Si Layer“, XLVI International Scientific Conference on Information, Communication and Energy Systems and Technologies - ICEST 2011, pp. 275-278, Niš, Serbia, June 2011.		
8	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; DOI:10.5767/anurs.cmat.100102.en.186P		

9	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; DOI: 10.1049/iet-cds:20060310		
10	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; DOI: 10.1109/16.987107		
<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>			
Total number of citations	285	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	21	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			
<a href="https://www.npao.ni.ac.rs/elektronski-fakultet/1087-dragan-s-pantic">https://www.npao.ni.ac.rs/elektronski-fakultet/1087-dragan-s-pantic</a>			
Stojan Ristić, Dragan Pantić, Electronic Devices I, questions and answers (in serbian), Čuperak plavi, Niš, 2001.			
Dragan Pantić, Tatjana Pešić, Elva Jovanović, Modeling and Simulation in Microelectronics (in serbian), Faculty of Electronic Engineering, Niš, 2005.			

## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Paunović V. Vesna		
<b>Title</b>	Associate professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	02.07.2001		
<b>Specific scientific (artistic) field</b>	Electronic Materials		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	15.01.2018	University of Niš, Faculty of Electronic Engineering	Electronic Materials
PhD	27.03.2008	University of Niš, Faculty of Electronic Engineering	Electronic Materials
Specialization			
MA/MSc	09.12.2002	University of Niš, Faculty of Electronic Engineering	Electronic Materials
Diploma	20.06.1994	University of Niš, Faculty of Philosophy (Chemistry)	Chemistry
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Electronic Materials		BAS
2	Microsystem Technologies		BAS
3	Optoelectronics		BAS
4	Electrotechnical Materials		BAS
5	Nanotechnology		BAS
6	Electronics Materials Design		BAS
7	Microelectromechanical Systems (MEMS)		MAS
8	Laser Electronics		MAS
9	Technologies of Organic Semiconductor Materials and Devices		MAS
10			
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15			
<b>Representative references (at minimum 5, not more than 10)</b>			
1	Vesna Paunović, Vojislav V. Mitić, Ljubiša Kocić, Dielectric characteristic of donor-acceptor modified BaTiO <sub>3</sub> ceramics, <i>Ceramics International</i> , 42, pp.11692–11699, 2016 <a href="http://dx.doi.org/10.1016/j.ceramint.2016.04.087">http://dx.doi.org/10.1016/j.ceramint.2016.04.087</a>		
2	Vladan Vuckovic, Vojislav V. Mitić, Ljubisa Kocić, Boban Arizanovic, Vesna Paunovic, Ruza Nikolic, Tesla's Fountain - Modeling and Simulation in Ceramics Technology, <i>Journal of the European Ceramic Society</i> , Vol. 38, pp. 3049-3056, 2018, <a href="https://doi.org/10.1016/j.jeurceramsoc.2018.01.041">https://doi.org/10.1016/j.jeurceramsoc.2018.01.041</a>		
3	Vojislav Mitić, Vesna Paunović, Jelena Purenović, Slobodanka Janković, Ljubiša Kocić, Igor Antolović, Dejan Rancic, The contribution of fractal nature to BaTiO <sub>3</sub> -ceramics microstructure analysis, <i>Ceramic International</i> , 38, (2), pp.1295-1301, 2012, <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>		
4	Suzana Filipović, Nina Obradović, Jugoslav Krstić, Maja Šćepanović, Vladimir Pavlović, Vesna Paunović, Momčilo M. Ristić, Structural characterization and electrical properties of sintered magnesium–titanate ceramics, <i>Journal of Alloys and Compounds</i> , 555, pp. 39–44, 2013, <a href="http://dx.doi.org/10.1016/j.jallcom.2012.12.040">http://dx.doi.org/10.1016/j.jallcom.2012.12.040</a>		
5	Vesna Paunović, Vojislav Mitić, Zoran Prijić, Ljiljana Živković, Microstructure and dielectric properties of Dy/Mn doped BaTiO <sub>3</sub> ceramics, <i>Ceramic international</i> , Vol. 40, Iss. 3, pp. 4277-4284, 2014, <a href="http://dx.doi.org/10.1016/j.ceramint.2013.08.092">http://dx.doi.org/10.1016/j.ceramint.2013.08.092</a>		
6	Vojislav V. Mitić, Vesna Paunović, Ljubiša Kocić, "Fractal approach to BaTiO <sub>3</sub> -ceramics microimpedances", <i>Ceramics International</i> , Vol. 41 Iss.5, Part A, pp. 6566–6574, 2015, <a href="http://dx.doi.org/10.1016/j.ceramint.2015.01.102">http://dx.doi.org/10.1016/j.ceramint.2015.01.102</a>		
7	Suzana Filipović, Vera P. Pavlović, Nina Obradović, Vesna Paunović, Karel Maca, Vladimir B. Pavlović, The impedance analysis of sintered MgTiO <sub>3</sub> ceramics, <i>Journal of Alloys and Compounds</i> , 701, pp. 107-115, 2017, <a href="http://dx.doi.org/10.1016/j.jallcom.2017.01.117">http://dx.doi.org/10.1016/j.jallcom.2017.01.117</a>		
8	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", <i>Science of sintering</i> , 42 (1), pp. 69-79, 2010, doi:10.2298/SOS1001069P		
9	Vesna Paunović, Vojislav V. Mitić, Miroslav Miljković, Vera Pavlović, Ljiljana Živković, Ho <sub>2</sub> O <sub>3</sub> Additive Effects on BaTiO <sub>3</sub> Ceramics Microstructure and Dielectric Properties, <i>Science of sintering</i> , 44 (2), pp.223-233, 2012, Doi: 10.2298/SOS1202223P		

10	Vesna Paunović, Vojislav V. Mitić, Miloš Đorđević, Miloš Marjanović, Ljubiša Kocić, Electrical Characteristics of Er Doped BaTiO <sub>3</sub> Ceramics, Science of sintering, Vol 49, No.2, pp. 129-137, 2017, doi: <a href="https://doi.org/10.2298/SOS1702129P">https://doi.org/10.2298/SOS1702129P</a>
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<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>			
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Total number of citations	162	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	35	Number of international projects at which the lecturer currently participates	

<b>Specializations</b>
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<b>Other data considered relevant</b>
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Dragan Mančić, Vesna Paunović, "Impedance Spectroscopy application for electrical characterization of La doped BaTiO <sub>3</sub> ceramics, Monograph, University of Niš, Faculty of Electronic Engineering, 2012.

## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>				Pavlović D. Vlastimir				
<b>Title</b>				Full professor				
<b>The name of the institution in which the lecturer works full time</b>				University of Niš, Faculty of Electronic Engineering				
<b>Date of employment</b>				10.12.1979				
<b>Specific scientific (artistic) field</b>				Electronics				
<b>Academic career</b>								
	Date	Institution	Field					
Election	15.12.2009	University of Niš, Faculty of Electronic Engineering	Electronics					
PhD	30.06.1986	University of Belgrade, School of Electrical Engineering	Electronics					
Specialization								
MA/MSc	30.05.1982	University of Niš, Faculty of Electronic Engineering	Electronics					
Diploma	30.06.1979	University of Niš, Faculty of Electronic Engineering	Electronics					
<b>The list of courses the lecturer teaches</b>								
Number	The name of the course						Type of studies	
1	Animation 1						BAS	
2	Animation 2						BAS	
3	Camera and Editing						BAS	
4	Virtual Reality						BAS	
5	Character Animation						MAS	
6	Visual Design						MAS	
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<b>Representative references (at minimum 5, not more than 10)</b>								
1	Ćirić, Dejan G., Vlastimir D. Pavlović, and Nebojša S. Dončov. "Generating 2-D FIR filter functions by Christoffel–Darboux formula for Chebyshev polynomials of the second kind." <i>International Journal of Electronics</i> 104, no. 3 (2017): 416-432.							
2	Pavlović, Vlastimir D., Nebojša S. Dončov, and Dejan G. Ćirić. "1D linear-phase band-pass multiplierless FIR Hilbert transformers and filters." <i>International Journal of Electronics</i> 103.6 (2016): 1038-1055.							
3	Stošić, B. P., and V. D. Pavlović. "Design of new selective CIC filter functions with passband-droop compensation." <i>Electronics Letters</i> 52.2 (2015): 115-117.							
4	Stošić, Biljana P., and Vlastimir D. Pavlović. "Using cascaded non-identical CIC sections to improve insertion loss." <i>Journal of Circuits, Systems and Computers</i> 24.06 (2015): 1550092.							
5	Milić, Dejan N., and Vlastimir D. Pavlović. "A new class of low complexity low-pass multiplierless linear-phase special CIC FIR filters." <i>IEEE Signal Processing Letters</i> 21.12 (2014): 1511-1515.							
6	Pavlovic, Vlastimir D., and Jelena R. Djordjevic-Kozarov. "Ultra-selective spike multiplierless linear-phase two-dimensional FIR filter function with full Hilbert transform effect." <i>IET Circuits, Devices &amp; Systems</i> 8.6 (2014): 532-542.							
7	Stošić, Biljana P., and Vlastimir D. Pavlović. "Design of selective CIC filter functions." <i>AEU-International Journal of Electronics and Communications</i> 68.12 (2014): 1231-1233.							
8	Stošić, Biljana P., and Vlastimir D. Pavlović. "On design of a novel class of selective CIC FIR filter functions with improved response." <i>AEU-International Journal of Electronics and Communications</i> 68.8 (2014): 720-729.							
9	J. R. Djordjević-Kozarov, V. D. Pavlović, "An Analytical Method for the Multiplierless 2D FIR Filter Functions and Hilbert Transform in z2 domain", <i>IEEE Transactions on Circuits and Systems- II: Express briefs</i> , vol. 60, no. 8, pp. 1-5, DOI: 10.1109/TCSII.2013.2268340, USA, 2013.							
10	V. D. Pavlović, "New class of filter functions generated directly by the modified Christoffel–Darboux formula for classical orthonormal Jacobi polynomials", <i>International Journal of Circuit Theory and Applications</i> , USA DOI: 10.1002/cta.1817, vol. 41, pp. 1059-1073, 2013.							
<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>								
Total number of citations	511		Number of domestic projects at which the lecturer currently participates			1		

Total number of papers on the SCI (SSCI) list	30	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Pejović M. Milić		
<b>Title</b>	Assistant professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	02.02.2003.		
<b>Specific scientific (artistic) field</b>	Microelectronics and Microsystems		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	18.04.2016	University of Niš, Faculty of Electronic Engineering	Microelectronics and Microsystems
PhD	23.05.2007	University of Belgrade, School of Electrical Engineering	Electronics
Specialization			
MA/MSc	22.09.2003	University of Niš, Faculty of Electronic Engineering	Automatic Control and Electronics
Diploma	15.11.1999	University of Niš, Faculty of Electronic Engineering	Automatic Control and Electronics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Modeling and Simulation of Microelectronic Circuits		BAS
2	Data transfer protocols		BAS
3	Virtual Instrumentation		BAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Momčilo M. Pejović i Milić M. Pejović, „ELEKTRIČNI PROBOJ GASOVA – Merni sistemi i eksperimentalna istraživanja“, Izdavač Elektronski fakultet, Univerziteta u Nišu, pp. 1-239, 2009, ISBN 978-86-6125-002-6.		
2	Momčilo M. Pejović and Milić M. Pejović (Editors), „DIFFERENT TYPES OF FIELD EFFECT TRANSISTORS-theory and application“, Published by InTeach, 2017, Printed ISBN 978-953-51-3175-5, Online ISBN 978-953-51-3176-2.		
3	Milić M. Pejović, Momčilo M. Pejović and Koviljka Stanković, „Physico-Chemical processes induced by electrical breakdown and discharge responsible for memory effect in krypton with <10 ppm nitrogen“, Plasma Chemistry and Plasma Processing, Vol. 38, No. 2, pp. 415-428, 2018, <a href="https://doi.org/10.1007/s11090-017-9870-2">https://doi.org/10.1007/s11090-017-9870-2</a> , M21.		
4	Milić M. Pejović and Svetlana M. Pejović, “VDMOSFET as a prospective dosimeter for radiotherapy”, Applied Radiation and Isotopes, Vol. 132, pp. 1-5, 2018, <a href="http://dx.doi.org/10.1016/j.apradiso.2017.11001">http://dx.doi.org/10.1016/j.apradiso.2017.11001</a> , M22.		
5	Milić M. Pejović, „Processes in radiation sensitive MOSFETs during irradiation and post irradiation annealing responsible for threshold voltage shift“, Radiation Physics and Chemistry, Vol. 130, pp. 221-228, 2017, <a href="http://dx.doi.org/10.1016/j.radphyschem.2016.08.027">http://dx.doi.org/10.1016/j.radphyschem.2016.08.027</a> , M21.		
6	Milić M. Pejović, Dose response, radiation sensitivity and fading of p-channel MOSFETs (RADFETs) irradiated up to 50 Gy with Co <sup>60</sup> , Applied Radiation and Isotopes, Vol. 104, pp. 100-105, 2015, <a href="http://dx.doi.org/10.1016/j.apradiso.2015.06.024">http://dx.doi.org/10.1016/j.apradiso.2015.06.024</a> , M22.		
7	Milić M. Pejović, “Application of p-channel power VDMOSFET as a high radiation dose sensor”, IEEE Transaction on Nuclear Science, Vol. 62, No. 4, pp. 1905-1910, 2015, Doi 10.1109/TNS.2015.24.56211, <a href="http://www.ieee.org/publications-standards/publications/rights/index.html">http://www.ieee.org/publications-standards/publications/rights/index.html</a> , M22.		
8	Milić M. Pejović, Nikola T. Nešić and Momčilo M. Pejović, „Kinetics of positive ions and electrically neutral active particles in afterglow in neon at low pressure“, Physics of Plasmas, American Institute of Physics, Vol. 21, 042111(8 pp), 2014, ISSN 1070-664X, M21, <a href="http://scitation.aip.org/content/aip/journal/pop/21/4/10.1063/1.4871485">http://scitation.aip.org/content/aip/journal/pop/21/4/10.1063/1.4871485</a> .		





## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Pešić M. Biljana		
<b>Title</b>	Full professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	12.10.1983.		
<b>Specific scientific (artistic) field</b>	Microelectronics and Microsystems		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	11.09.2006	University of Niš, Faculty of Electronic Engineering	Microelectronics and Microsystems
PhD	26.04.1996.	University of Niš, Faculty of Electronic Engineering	Microelectronics
Specialization			
MA/MSc	23.09.1988.	University of Niš, Faculty of Electronic Engineering	Microelectronics
Diploma	17.10.1980.	University of Niš, Faculty of Electronic Engineering	Microelectronics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Electronic Materials		BAS
2	Microsystem Technologies		BAS
3	Reliability of Microelectronic Devices		BAS
4	Electronics Materials Design		BAS
5	Microelectromechanical Systems (MEMS)		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	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).		
2	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).		
3	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).		
4	A. Prijjić, B. Pešić, Z. Prijjić, 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).		
5	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).		
6	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).		
7	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).		
8	S. Aleksić, D. Pantić, B. Pešić, "Analiza uticaja površinskih stanja na karakteristike VDMOS tranzistora snage kotišćenjem TCAD softverskog paketa", Zbornik radova 56. konferencije ETRAN, Zlatibor, Jun 2012 (pp. MO1.6-1-4).		
9	S. Aleksić, D. Pantić, B. Pešić, "TCAD analiza HEFS degradacije elektricnih karakteristika n-kanalnog VDMOSFET-a", Zbornik radova 57. konferencije ETRAN, Zlatibor, Jun 2013 (pp. MO 1.3 1-5).		
10	Sanja Aleksić, Biljana Pešić, Dragan Pantić, "Simulation of semiconductor bulk trap influence on the electrical characteristics of the n-channel power VDMOS transistor", Journal of Microelectronics, Electronics Components and Materials, vol. 43, no. 2, pp. 124-130 (2013).		
<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>			

Total number of citations	46	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	11	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			
4 studies			
2 new products			
2 improved technological process			
7 prototypes and new methods			

## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Petković M. Predrag		
<b>Title</b>	Full professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	13.04.1981.		
<b>Specific scientific (artistic) field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	01.10.2001	University of Niš, Faculty of Electronic Engineering	Electronics
PhD	21.11.1990.	University of Niš, Faculty of Electronic Engineering	Electronics
Specialization			
MA/MSc	03.07.1986.	University of Niš, Faculty of Electronic Engineering	Electronics
Diploma	17.02.1979.	University of Niš, Faculty of Electronic Engineering	Electronics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Basics of Electronics		BAS
2	Digital Integrated Circuits Design		BAS
3	VLSI Design		BAS
4	Analogue Integrated Circuits		BAS
5	Analog Integrated Circuits Design		BAS
6	Mixed Signal Integrated Circuit Design		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Stevanović, D., Petković, P. : A Single-Point Method for Identification Sources of Harmonic Pollution Applicable to Standard Power Meters, Electrical Engineering, Volume 97, Issue 2, June 2015, 2015, pp 165-174, ISSN 0948-7921(prn), ISSN 1432-0487(online), doi:10.1007/s00202-014-0324-z		
2	Jovanović, B., Damnjanović, M., Petković, P. , Litovski, V.: Standard Cell Based Low Power Embedded Controller Design, Journal of Circuits Systems and Computers, Vol. 24, No. 6, World Scientific Publishing Co. Pte. Ltd., Singapore, July 2015, 2015, 19 pages, ISSN: 0218-1266(prn.)/ISSN: 1793-6454(online), doi:10.1142/S0218126615500772,		
3	Dejan Mirković, Miona Andrejević Stošović, Predrag Petković , Vančo Litovski: IIR digital filters with critical monotonic pass-band amplitude characteristic, AEU - International Journal of Electronics and Communications, Volume 69, Issue 10, 16 July , 2015, pp. 1495-1505, doi:10.1016/j.aeue.2015.07.005		
4	Petković, P. , Stevanović, D.: Detection of power grid harmonic pollution sources based on upgraded power meters, Journal of Electrical Engineering, vol. 65, No. 3, 2014, pp. 163-168		
5	Mirković, D., Petković, P. , Litovski, V.: A second order s-to-z transform and its implementation to IIR filter design, COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, Vol. 33 Iss: 5, 2014, pp.1831 - 1843, ISSN: 0332-1649, doi:10.1108/COMPEL-03-2014-0058		
6	Stevanović, D., Petković, P. : A single-point method based on distortion power for the detection of harmonic sources in power system, Metrology and measurement systems, Vol. XXI(2014), No.1, 2014, pp. 3-14, ISSN 0860-8229, doi:10.2478/mms-2014-0001		
7	Stevanović, D., Petković, P. : The Efficient Technique for Harmonic Sources Detection at Power Grid, PrzegłÅ...d Elektrotechniczny, 2012, pp. 196-199, ISSN 0033-2097		
8	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		
9	Dejan Mirković, Miona Andrejević Stošović, Predrag Petković , Vančo Litovski: Design of IIR Digital Filters With Critical Monotonic Passband Amplitude Characteristic - A Case Study, Facta Universitatis, Series Electronics and Energetics, Vol 29, No 2, 2016, pp. 269-283, ISSN: 0353-3670, doi:10.2298/FUEE1602269		

10	Dejan Stevanović, Predrag Petković : Utility needs smarter power meters in order to reduce economic losses, Facta Universitatis Series: Electronics and Energetics Vol. 28, No 3, September 2015, 2015, pp. 407-421, doi:10.2298/FUEE1503407S
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<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>			
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Total number of citations	275	Number of domestic projects at which the lecturer currently participates	2
Total number of papers on the SCI (SSCI) list	13	Number of international projects at which the lecturer currently participates	0

<b>Specializations</b>			
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<b>Other data considered relevant</b>			
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## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Petrović D. Branislav		
<b>Title</b>	Full professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	26.04.1982.		
<b>Specific scientific (artistic) field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	27.12.2005	University of Niš, Faculty of Electronic Engineering	Electronics
PhD	10.01.1994.	University of Niš, Faculty of Electronic Engineering	Electronics
Specialization			
MA/MSc	30.06.1988.	University of Niš, Faculty of Electronic Engineering	Electronics
Diploma	30.06.1980.	University of Niš, Faculty of Electronic Engineering	Electronics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Microcontrollers		BAS
2	Microcontrollers and Programming		BAS
3	Data Acquisition and Conversion Techniques		BAS
4	Real Time Systems		BAS
5	Automotive Electronics		BAS
6	ARM Controllers Programming		BAS
7	Internet of Things		BAS
8	Real Time Operating Systems		MAS
9	Digital Signal Controllers		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Goran S. Nikolic, Mile K. Stojcev, Tatjana R. Nikolic, Branislav D. Petrovic, Goran S. Jovanovic, Bojan R. Dimitrijevic, "Implementation and evaluation of 2D SEC-DED forward error correction scheme in wireless sensor networks", <i>Microelectronics Reliability</i> , Elsevier, Vol. 78C, pp. 161–180, 2017., (M22), ISSN: 0026-2714 (Print), September 2017		
2	Goran S. Nikolic, Mile K. Stojcev, Tatjana R. Nikolic, Branislav D. Petrovic, Goran S. Jovanovic, Reliable data transfer Rendezvous protocol in wireless sensor networks using 2D-SEC-DED encoding technique, <i>Microelectronics Reliability</i> 65 (2016) pp. 289 – 309, MR12194, Imprint ELSEVIER, ISSN: 0026-2714, Available online 31 August 2016, Final version published online 17 October 2016, DOI: 10.1016/j.macrorel.2016.08.017		
3	Tatjana R. Nikolić, Goran S. Nikolić, Branislav D. Petrović, Mile K. Stojčev, "Elevator system with dual power supply", <i>FACTA UNIVERSITATIS Series: Automatic Control and Robotics</i> ( <a href="http://casopisi.junis.ni.ac.rs/index.php/FUAutContRob">http://casopisi.junis.ni.ac.rs/index.php/FUAutContRob</a> ), vol. 14, no. 3, 2015, ISSN: 1820-6417, Publisher: University of Nis.		
4	G. Nikolić, T. Nikolić, M. Stojčev, B. Petrović and G. Jovanović, Battery Capacity Estimation of Wireless Sensor Node, <i>PROC. 30th INTERNATIONAL CONFERENCE ON MICROELECTRONICS (MIEL 2017)</i> , NIŠ, SERBIA, OCTOBER, 9th-11th, 2017, pp. 279-282, IEEE Catalog No. CFP17432-USB, ISBN 978-1-5386-2562-0		
5	Tatjana Nikolić, Goran Nikolić, Mile Stojčev, Branislav Petrović and Goran Jovanović, Energy Efficiency of Wireless Sensor Networks, <i>LII International Scientific Conference on Information, Communication and Energy Systems and Technologies, ICEST 2017</i> , Serbia, Niš, June 28-30, pp. 59-62, ISSN: 2603-3259 (Print), ISSN: 2603-3267 (Online)		
6	Goran Nikolić, Mile Stojčev, Zoran Stamenković, Goran Panić, Branislav Petrović, "WIRELESS SENSOR NODE WITH LOW-POWER SENSING", <i>FACTA UNIVERSITATIS Series: Electronics and Energetics</i> Vol. 27, No 3, September 2014, pp. 435 - 453 DOI: 10.2298/FUEE1403435N, Received February 18, 2014; received in revised form May 29, 2014, ISSN: 0353-3670 (Print), ISSN: 2217 – 5997 (Online), COBISS.SR-ID 12826626		
7	G. Nikolić, T. Nikolić, B. Petrović, "Using Adaptive Filtering in Single-Phase Grid-Connected System", <i>PROC. 29th INTERNATIONAL CONFERENCE ON MICROELECTRONICS (MIEL 2014)</i> , BELGRADE, SERBIA, 12-15 MAY, 2014, pp. 417-420, organized by IEEE Serbia and Montenegro Section – ED/SSC Chapter, IEEE Catalog Number: CFP14432-USB, ISBN: 978-1-4799-5294-6		

8	Goran S. Nikolić, Tatjana R. Nikolić, Branislav D. Petrović and Mile K. Stojčev "Optimization of DC/AC inverter driving", XLVIII INTERNATIONAL SCIENTIFIC CONFERENCE ON INFORMATION, COMMUNICATION AND ENERGY SYSTEMS AND TECHNOLOGIES, ICEST 2013, 26 - 29 June 2013, Ohrid, Macedonia, Proceedings of Papers – Volume 1 of 2 volumes, pp. 231-234, Published by: Faculty of Technical Sciences – Bitola, ISBN: 978-9989-786-90-7, COBISS.MK-ID 94746890
9	B. D. Petrović, G. S. Nikolić, M. D. Jovanović, "Dimensioning of a Motor Drive Inverter for Lift Systems", Proceedings of the XI International Conference on Systems, Automatic Control and Measurements, SAUM 2012, Niš, Serbia, November 14-16, 2012, pp. 32-35, ISBN 978-86-6125-072-9 (FEE), COBISS SR-ID 194625292
10	M. D. Jovanović, G. S. Nikolić, B. D. Petrović, G. Lj. Djordjević, "TDMA Protocols with Reduced Frame for Wireless Sensor Networks", Proceedings of the XI International Conference on Systems, Automatic Control and Measurements, SAUM 2012, Niš, Serbia, November 14-16, 2012, pp. 435-438, ISBN 978-86-6125-072-9 (FEE), COBISS SR-ID 194625292

**Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer**

Total number of citations	48	Number of domestic projects at which the lecturer currently participates	2
Total number of papers on the SCI (SSCI) list	5	Number of international projects at which the lecturer currently participates	0

**Specializations**

<b>Other data considered relevant</b>			

## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Prijjić D. Zoran		
<b>Title</b>	Full professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	01.09.1990		
<b>Specific scientific (artistic) field</b>	Microelectronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	05.07.2004	University of Niš, Faculty of Electronic Engineering	Microelectronics
PhD	23.12.1993	University of Niš, Faculty of Electronic Engineering	Microelectronics
Specialization			
MA/MSc	20.12.1990	University of Niš, Faculty of Electronic Engineering	Microelectronics
Diploma	01.07.1987	University of Niš, Faculty of Electronic Engineering	Electronic Devices
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Electronic Devices		BAS
2	Analog Microelectronics		BAS
3	Printed Circuit Boards Design		BAS
4	Product Data Management		BAS
5	RF Microelectronics		MAS
6	Multi-Layer Printed Circuit Boards Design		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	D. Milić, A. Prijjić, Lj. Vračar, Z. Prijjić, "Characterization of commercial thermoelectric modules for application in energy harvesting wireless sensor nodes", Applied Thermal Engineering, Elsevier, Vol. 121, pp. 74-82, 2017.		
2	D. Danković, I. Manić, V. Davidović, A. Prijjić, M. Marjanović, A. Ilić, Z. Prijjić, N. Stojadinović, "On the Recoverable and Permanent Components of NBTI in P-Channel Power VDMOSFETs", IEEE Trans. Device Mater. Rel., Vol. 16, pp. 522-531, 2016.		
3	V. Davidović, D. Danković, A. Ilić, I. Manić, S. Golubović, S. Đorić-Veljković, Z. Prijjić, N. Stojadinović, "NBTI and Irradiation Effects in P-Channel Power VDMOS Transistors", IEEE Trans. Nuclear Science, Vol. 63, pp. 1268-1275, 2016.		
4	A. Prijjić, Lj. Vračar, Z. Pavlović, Lj. Kostić, Z. Prijjić, "The Effect of Flat Panel Reflectors on Photovoltaic Energy Harvesting in Wireless Sensor Nodes under Low Illumination Levels", IEEE Sensors Journal, Vol. 15, No. 12, pp. 7105-7111, 2015.		
5	A. Prijjić, Lj. Vračar, D. Vučković, D. Milić, Z. Prijjić, "Thermal Energy Harvesting Wireless Sensor Node in Aluminum Core PCB Technology", IEEE Sensors Journal, Vol. 15, No.1, pp. 337-345, 2015.		
6	D. Danković, Lj. Vračar, A. Prijjić, Z. Prijjić, "An Electromechanical Approach to a Printed Circuit Board Design Course", IEEE Trans. Education, Vol. 56, No. 4, pp. 470-477, 2013.		
7	Lj. Vračar, A. Prijjić, D. Vučković, Z. Prijjić, "Capacitive Pressure Sensing Based Key in PCB Technology for Industrial Applications", IEEE Sensors Journal, Vol. 12, No. 5, pp. 1496-1503, 2012.		
8	A. Prijjić, Z. Prijjić, B. Pešić, D. Pantić, S. Ristić, D. Mančić, Z. Petrušić, "Design and Optimization of S-Type Thermal Cuttofs", IEEE Trans. Components and Packaging Technologies, Vol. 31, No. 4, pp. 904-912, 2008.		
9	A. Rochas, A. Pauchard, P. Besse, D. Pantić, Z. Prijjić, R. Popović, "Low-Noise Silicon Avalanche Photodiodes Fabricated in Conventional CMOS Technologies", IEEE Trans. Electron Devices, Vol. 49, No. 3, pp. 387-394, 2002.		
10	P. Habaš. Z. Prijjić, D. Pantić, N. Stojadinović, "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.		
<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>			
<b>Total number of citations</b>	308	<b>Number of domestic projects at which the lecturer currently participates</b>	2

Total number of papers on the SCI (SSCI) list	35	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			
<a href="https://www.npao.ni.ac.rs/elektronski-fakultet/803-zoran-d-prijic">https://www.npao.ni.ac.rs/elektronski-fakultet/803-zoran-d-prijic</a>			



## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Prijjić P. Aneta		
<b>Title</b>	Associate professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	01.01.1995.		
<b>Specific scientific (artistic) field</b>	Microelectronics and Microsystems		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	17.02.2016	University of Niš, Faculty of Electronic Engineering	Microelectronics and Microsystems
PhD	26.12.2007.	University of Niš, Faculty of Electronic Engineering	Microelectronics and Microsystems
Specialization			
MA/MSc	11.11.1996.	University of Niš, Faculty of Electronic Engineering	Microelectronics
Diploma	08.07.1993.	University of Niš, Faculty of Electronic Engineering	Microelectronics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Semiconductor Devices		BAS
2	Microsystems Design		BAS
3	Solid State Electronics		BAS
4	Integrated Microsystems		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Dejan Milić, Aneta Prijjić, Ljubomir Vračar, Zoran Prijjić, "Characterization of commercial thermoelectric modules for application in energy harvesting wireless sensor nodes", Applied Thermal Engineering, Elsevier, Vol. 121, pp. 74-82, 2017.		
2	Aneta Prijjić, Ljubomir Vračar, Zoran Pavlović, Ljiljana Kostić, Zoran Prijjić, "The Effect of Flat Panel Reflectors on Photovoltaic Energy Harvesting in Wireless Sensor Nodes under Low Illumination Levels," IEEE Sensors Journal, Vol. 15, No. 12, pp. 7105-7111, 2015.		
3	Danijel Danković, Ivica Manić, Aneta Prijjić, Snežana Đorić-Veljković, Vojkan Davidović, Ninoslav Stojadinović, Zoran Prijjić, Snežana Golubović, "Negative bias temperature instability in p-channel power VDMOSFETs: recoverable versus permanent degradation", Semiconductor Science and Technology, IOP Science, Vol. 30, No. 10, pp. 105009-1-105009-9, 2015.		
4	Aneta Prijjić, Ljubomir Vračar, Dušan Vučković, Dejan Milić, Zoran Prijjić, "Thermal Energy Harvesting Wireless Sensor Node in Aluminum Core PCB Technology", IEEE Sensors Journal, IEEE, Vol. 15, No. 1, pp. 337-345, 2015.		
5	Aneta Prijjić, Danijel Danković, Ljubomir Vračar, Ivica Manić, Zoran Prijjić, Ninoslav Stojadinović, "A method for negative bias temperature instability (NBTI) measurements on power VDMOS transistors", Measurement Science and Technology, IOP Science, Vol. 23, No. 8, pp. 1-8, 2012.		
6	Ljubomir Vračar, Aneta Prijjić, Dušan Vučković, Zoran Prijjić, "Capacitive Pressure Sensing Based Key in PCB Technology for Industrial Applications", IEEE Sensors Journal, IEEE, Vol. 12, No. 5, pp. 1496-1503, 2012.		
7	Aneta Prijjić, Zoran Prijjić, Biljana Pešić, Dragan Pantić, Stojan Ristić, Dragan Mančić, Zoran Petrušić, "Design and Optimization of S-Type Thermal Cutoffs", IEEE Trans. Components and Packaging Technologies, IEEE, Vol. 31, No. 4, pp. 904-912, December, 2008.		
8	Danijel Danković, Ljubomir Vračar, Aneta Prijjić, Zoran Prijjić, "An Electromechanical Approach to a Printed Circuit Board Design Course", IEEE Transactions on Education, IEEE, Vol. 56, No. 4, pp. 470-477, 2013.		
9	Ljubomir Vračar, Aneta Prijjić, Damir Nešić, Saša Dević, Zoran Prijjić, "Photovoltaic Energy Harvesting Wireless Sensor Node for Telemetry Applications Optimized for Low Illumination Levels", MDPI Electronics, Vol. 5, No. 2, 26, 2016.		

10	Stojan Ristić, Aneta Prijić, Zoran Prijić, „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.
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**Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer**

Total number of citations	68	Number of domestic projects at which the lecturer currently participates	2
Total number of papers on the SCI (SSCI) list	18	Number of international projects at which the lecturer currently participates	

**Specializations**

**Other data considered relevant**

Coauthor of 4 registered national patents

Stojan Ristić, Aneta Prijić, Zoran Prijić, "Transport Processes in Heavily Doped Silicon" (in Serbian), University of Niš, Faculty of Electronic Engineering, 2001.

Zoran Prijić, Aneta Prijić, "Introduction to Semiconductor Devices and their Application" (in Serbian), University of Niš, Faculty of Electronic Engineering, 2014.

## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>				Ristić S. Goran			
<b>Title</b>				Full professor			
<b>The name of the institution in which the lecturer works full time</b>				University of Niš, Faculty of Electronic Engineering			
<b>Date of employment</b>				01.10.1990.			
<b>Specific scientific (artistic) field</b>				Applied Physics			
<b>Academic career</b>							
	Date	Institution				Field	
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	
Specialization							
MA/MSc	18.05.1994.	University of Niš, Faculty of Electronic Engineering				Applied Physics	
Diploma	01.06.1990.	University of Niš, Faculty of Sciences and Mathematics				Physics	
<b>The list of courses the lecturer teaches</b>							
Number	The name of the course					Type of studies	
1	Physics					BAS	
2	Fundamentals of Quantum and Statistical Physics					BAS	
3	Dosimetry and Dosimeters					BAS	
4	Medical Physics					MAS	
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<b>Representative references (at minimum 5, not more than 10)</b>							
1	G.S. Ristić, "Thermal and UV annealing of irradiated pMOS dosimetric transistors", Journal of Physics D: Applied Physics, 42 (13), 135101 (12pp), 2009. <a href="https://doi.org/10.1088/0022-3727/42/13/135101">https://doi.org/10.1088/0022-3727/42/13/135101</a>						
2	G.S. Ristić, N.D. Vasović, "Interface and oxide state behaviors of commercial n-channel power MOSFETs during high electric field stress and thermal annealing at 150 oC", Semiconductor Science & Technology, 49 (7), 1140-1152, 2011. <a href="https://doi.org/10.1088/0268-1242/26/8/085019">https://doi.org/10.1088/0268-1242/26/8/085019</a>						
3	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. <a href="https://doi.org/10.1016/j.nimb.2011.08.015">https://doi.org/10.1016/j.nimb.2011.08.015</a>						
4	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, 2012. <a href="https://doi.org/10.1109/TDMR.2011.2168399">https://doi.org/10.1109/TDMR.2011.2168399</a>						
5	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. <a href="https://doi.org/10.1088/0957-0233/23/1/015901">https://doi.org/10.1088/0957-0233/23/1/015901</a>						
6	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. <a href="https://doi.org/10.1088/0022-3727/45/30/305101">https://doi.org/10.1088/0022-3727/45/30/305101</a>						
7	G.S. Ristic, M.S. Andjelkovic, A.B. Jaksic, "The behavior of fixed and switching oxide traps of RADFETs during irradiation up to high absorbed doses", Applied Radiation and Isotopes, 102, 29-34, 2015. <a href="https://doi.org/10.1016/j.apradiso.2015.04.009">https://doi.org/10.1016/j.apradiso.2015.04.009</a>						
8	M.S. Andjelković, G.S. Ristić, A.B. Jakšić, "Using RADFET for the real-time measurement of gamma radiation dose rate", Measurement Science & Technology, 26 (2), 2015. <a href="https://doi.org/10.1088/0957-0233/26/2/025004">https://doi.org/10.1088/0957-0233/26/2/025004</a>						
9	.S. Andjelković, G.S. Ristić, "Current mode response of phototransistors to gamma radiation", Radiation Measurements, 75, 29-38, 2015. <a href="https://doi.org/10.1016/j.radmeas.2015.03.005">https://doi.org/10.1016/j.radmeas.2015.03.005</a>						
10	G.S. Ristić, M.S. Andjelković, S. Savović, "The isochronal annealing of irradiated n-channel power VDMOSFETs", Nuclear Instruments and Methods in Physics Research B, 366, 171-178, 2016. <a href="https://doi.org/10.1016/j.nimb.2015.11.003">https://doi.org/10.1016/j.nimb.2015.11.003</a>						
<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>							

Total number of citations	728	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	68	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Stančić Z. Goran		
<b>Title</b>	Assistant professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	02.09.1994.		
<b>Specific scientific (artistic) field</b>	Electronics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	13.10.2014	University of Niš, Faculty of Electronic Engineering	Electronics
PhD	07.06.2013.	University of Niš, Faculty of Electronic Engineering	Electronics
Specialization			
MA/MSc	10.03.1999.	University of Niš, Faculty of Electronic Engineering	Electronics
Diploma	21.11.1991.	University of Niš, Faculty of Electronic Engineering	Electronics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Pulse and Digital Electronics		BAS
2	Processing Audio and Music Signals		BAS
3	Adaptive Signal Processing		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Saša Nikolić, Goran Stančić, Signali i sistemi, udzbenik, Niš Elektronski fakultet 2017, ISBN 978-86-6125-192-4		
2	Goran Stančić, Saša Nikolić, Digital linear phase notch filter design based on IIR all-pass filter application, ISSN 1051-2004 , Digital Signal Processing, Vol. 23, No. 3, May 2013 , pp. 1065-1069.		
3	Saša Nikolić, Goran Stančić, Design of IIR Notch Filter with Approximately Linear Phase, Circuits, Systems, and Signal Processing, Volume 31, Issue 6, 2012, pp 2119-2131.		
4	Miloš Djurić, Goran Stančić, Selective digital filters with quadratic phase, International Journal of Circuit Theory and Applications, vol. 44 No. 9, 2016, pp. 1730-1741 DOI: 10.1002/cta.2190		
5	Sasa Nikolic, Ivan Krstic, Goran Stancic, Non-iterative design of IIR multiple-notch filters with improved passband magnitude response, International Journal of Circuit Theory and Applications, vol. 46, pp. 2561-2567, 2018, DOI 10.1002/cta.2525		
6	Saša V. Nikolić, Goran Z. Stančić, Stevica Cvetković, "Design of nearly linear phase double notch digital filters with close notch frequencies," IET Signal Processing, vol. 12, issue 9, pp. 1107 –1114, December 2018, ISSN 1751-9675, <a href="http://dx.doi.org/10.1049/iet-spr.2018.5090">http://dx.doi.org/10.1049/iet-spr.2018.5090</a> , (M23, IF: 1.250)		
7	Ivan Krstic, Sasa Nikolic, Goran Stancic, Predrag Lekic, Design of IIR multiple-notch filters with symmetric magnitude responses about notch frequencies, Circuits, Systems, and Signal Processing, Vol 37, No 12, 2018, pp. 5616–5636   <a href="https://doi.org/10.1007/s00034-018-0841-5">https://doi.org/10.1007/s00034-018-0841-5</a>		
8	Dragan Mančić, Goran Stančić, New Three-dimensional Matrix Models of the Ultrasonic Sandwich Transducers , ISSN 1099-6362, Journal of Sandwich Structures and Materials, Vol. 12, January 2010, pp. 63-80.		
9	Milun Jevtić, Goran Stančić, Marko Cvetković, Digitalna integrisana kola - Praktikum za laboratorijske vežbe, Elektronski fakultet u Nišu, Niš, 2006.		
10	Goran Stančić, Ivan Krstić, Miloš Živković, Design of IIR fullband differentiators using parallel all'pass structure, ISSN 1051-2004 , Digital Signal Processing, Vol. 87, April 2019 , pp. 132-144. □ □ <a href="https://doi.org/10.1016/j.dsp.2019.01.026">https://doi.org/10.1016/j.dsp.2019.01.026</a>		
<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>			
<b>Total number of citations</b>	31	<b>Number of domestic projects at which the lecturer currently participates</b>	2

Total number of papers on the SCI (SSCI) list	10	Number of international projects at which the lecturer currently participates	0
<b>Specializations</b>			
<b>Other data considered relevant</b>			

## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Vračar M. Ljubomir		
<b>Title</b>	Assistant professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	1.3.2002.		
<b>Specific scientific (artistic) field</b>	Microelectronics and Microsystems		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	30.05.2016	University of Niš, Faculty of Electronic Engineering	Microelectronics and Microsystems
PhD	7.11.2014	University of Niš, Faculty of Electronic Engineering	Nanotechnology and Microsystems
Specialization			
MA/MSc	12.06.2009	University of Niš, Faculty of Electronic Engineering	Microelectronics
Diploma	18.10.1999	University of Niš, Faculty of Electronic Engineering	Microelectronics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Analog Microelectronics		BAS
2	Sensors and Actuators		BAS
3	3D printing Technologies		BAS
4	Autonomous Microsystems		BAS
5	Microsensors and Microsystems		MAS
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<b>Representative references (at minimum 5, not more than 10)</b>			
1	Aneta Prijjić, Ljubomir Vračar, Dušan Vučković, Dejan Milić, Zoran Prijjić, "Thermal Energy Harvesting Wireless Sensor Node in Aluminum Core PCB Technology", IEEE Sensors Journal, Vol. 15, No. 1, pp. 337-345, (2015), ISSN: 1530437X		
2	Ljubomir Vračar, Aneta Prijjić, Damir Nešić, Saša Dević and Zoran Prijjić, "Photovoltaic Energy Harvesting Wireless Sensor Node for Telemetry Applications Optimized for Low Illumination Levels", Electronics 2016, 5(2), 26; <a href="https://doi.org/10.3390/electronics5020026">https://doi.org/10.3390/electronics5020026</a>		
3	Dejan Milić, Aneta Prijjić, Ljubomir Vračar, Zoran Prijjić, "Characterization of commercial thermoelectric modules for application in energy harvesting wireless sensor nodes", Applied Thermal Engineering, No.121, pp.74–82, (2017), <a href="http://dx.doi.org/10.1016/j.applthermaleng.2017.04.037">http://dx.doi.org/10.1016/j.applthermaleng.2017.04.037</a> (M21A)		
4	Miloš Milovančević, Vlastimir Nikolić, Dalibor Petković, Ljubomir Vračar, Emil Vege, Natalija Tomica, Srđan Jović, "Vibration analyzing in horizontal pumping aggregate by soft computing", Elsevier Measurement, Volume 125, September 2018, Pages 454-462, <a href="https://doi.org/10.1016/j.measurement.2018.04.100">https://doi.org/10.1016/j.measurement.2018.04.100</a>		
5	Aneta Prijjić, Ljubomir Vračar, Zoran Pavlović, Ljiljana Kostić, Zoran Prijjić, "The Effect of Flat Panel Reflectors on Photovoltaic Energy Harvesting in Wireless Sensor Nodes under Low Illumination Levels," IEEE Sensors Journal, Vol. 15, No. 12, pp. 7105-7111, (2015), ISSN: 1530437X, <a href="http://dx.doi.org/10.1109/JSEN.2015.2470548">http://dx.doi.org/10.1109/JSEN.2015.2470548</a>		
6	Lj.Vračar, A.Prijjić, D.Vučković, Z.Prijjić, "Capacitive Pressure Sensing Based Key in PCB Technology for Industrial Applications", Sensors Journal, IEEE, DOI:10.1109/JSEN.2011.2173483 (2012)		
7	„Tastatura od programibilnih tastera i postupak za dodeljivanje identifikacione oznake tasterima“, upisan u registar patenata Zavoda za intelektualnu svojinu pod rednim brojem 52967, 28.11.2013.		
8	„Kapacitivni senzor pritiska sa višeslojnim dielektrikom“, upisan u registar patenata Zavoda za intelektualnu svojinu pod rednim brojem 52973, 29.11.2013.		
9	„Taster izrađen u tehnologiji štampanih ploča“, upisan u registar patenata Zavoda za intelektualnu svojinu pod rednim brojem 52974, 29.11.2013.		
10	„Termoelektrični samonapajajući uređaj baziran na tehnologiji metalnih štampanih ploča“, upisan u registar patenata Zavoda za intelektualnu svojinu pod rednim brojem 55393, 16.3.2017. □		

Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer			
Total number of citations	65	Number of domestic projects at which the lecturer currently participates	2
Total number of papers on the SCI (SSCI) list	9	Number of international projects at which the lecturer currently participates	
<b>Specializations</b>			
<b>Other data considered relevant</b>			



## Scientific, artistic, and expert qualifications of the lecturer and their teaching duties

<b>Last name, middle letter, first name</b>	Živanović N. Emilija		
<b>Title</b>	Assistant professor		
<b>The name of the institution in which the lecturer works full time</b>	University of Niš, Faculty of Electronic Engineering		
<b>Date of employment</b>	01.07.2001.		
<b>Specific scientific (artistic) field</b>	Applied Physics		
<b>Academic career</b>			
	<b>Date</b>	<b>Institution</b>	<b>Field</b>
Election	05.06.2017.	University of Niš, Faculty of Electronic Engineering	Applied Physics
PhD	19.09.2014.	University of Niš, Faculty of Electronic Engineering	Applied Physics
Specialization			
MA/MSc	27.09.2004.	University of Niš, Faculty of Electronic Engineering	Applied Physics
Diploma	17.11.1999.	University of Niš, Faculty of Philosophy (Physics)	Applied Physics
<b>The list of courses the lecturer teaches</b>			
<b>Number</b>	<b>The name of the course</b>		<b>Type of studies</b>
1	Basics of Optics		BAS
2	Optoelectronic Devices		BAS
3	Gas discharge devices –characterization and application		MAS
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
<b>Representative references (at minimum 5, not more than 10)</b>			
1	Emilija Živanović, "Praktikum laboratorijskih vežbi sa primerima zadataka iz predmeta Osnovi optike", Edicija: Pomoćni udžbenici, Univerzitet u Nišu, Elektronski fakultet, 2018.		
2	Emilija N. Živanović and Čedomir A. Maluckov, "Investigation of statistical behaviour of electrical breakdown voltage distribution for nitrogen-filled diode at 13.3 mbar pressure", Contributions to Plasma Physics, John Wiley & Sons, Inc., 2018, Vol. 58, No. 4, pp. 293-301, <a href="https://doi.org/10.1002/ctpp.201700191">https://doi.org/10.1002/ctpp.201700191</a>		
3	Emilija N. Živanović, "Influence of combined gas and vacuum breakdown mechanisms on memory effect in nitrogen", Vacuum, Elsevier Ltd., Vol. 107, pp. 62-67, 2014, <a href="http://dx.doi.org/10.1016/j.vacuum.2014.04.004">http://dx.doi.org/10.1016/j.vacuum.2014.04.004</a>		
4	Momčilo M. Pejović, Nikola T. Nesić, Milić M. Pejović and Emilija N. Živanović, "Afterglow processes responsible for memory effect in nitrogen", Journal of Applied Physics, American Institute of Physics Publishing, Vol. 112, 013301 (10pp), 2012, <a href="http://dx.doi.org/10.1063/1.4730622">http://dx.doi.org/10.1063/1.4730622</a>		
5	Momčilo M. Pejović, Emilija N. Živanović, Milić M. Pejović, Nikola T. Nesić, Dragan Kovačević, "Investigation of breakdown voltage and electrical breakdown time delay in air-filled tube in presence of combined gas and vacuum breakdown mechanism", Vacuum, Elsevier Ltd., Vol. 86, pp. 1860-1866, 2012, <a href="http://dx.doi.org/10.1016/j.vacuum.2012.04.034">http://dx.doi.org/10.1016/j.vacuum.2012.04.034</a>		
6	Emilija N. Živanović, Momčilo M. Pejović, Milić M. Pejović and Nikola T. Nesić, "Analysis of the statistical nature of electrical breakdown time delay in nitrogen at 6.6 mbar pressure in presence of positive ions and N(4S) atoms", Contributions to Plasma Physics, John Wiley & Sons, Inc., 2011, ISSN 1521-3986 (Online), Vol. 51, No. 9, pp. 877-884, 2011, doi:10.1002/ctpp.201000117		
7	Nikola T. Nesić, Momčilo M. Pejović, Milić M. Pejović and Emilija N. Živanović, "The influence of additional electrons on memory effect in nitrogen at low pressures", Journal of Physics D: Applied Physics, Institute of Physics Publishing, Vol. 44, No. 9, 095203 (9pp), 2011, ISSN 0022-3727, doi:10.1088/0022-3727/44/9/095203, <a href="http://iopscience.iop.org/0022-3727/44/9/095203">http://iopscience.iop.org/0022-3727/44/9/095203</a>		

8	Momčilo M. Pejović, Emilija N. Živanović, Milić M. Pejović and Jugoslav P. Karamarković, "Analysis of processes responsible for the memory effect in air at low pressures", Plasma Sources Science and Technology, Institute of Physics Publishing, Vol. 19, No. 4, 045021 (9pp), 2010, ISSN 0963-0252, doi: 10.1088/0963-0252/19/4/045021, <a href="http://iopscience.iop.org/0963-0252/19/4/045021">http://iopscience.iop.org/0963-0252/19/4/045021</a>
9	Emilija N. Živanović, "Investigation of the effect of additional electrons originating from the ultraviolet radiation on the nitrogen memory effect", Facta Universitatis, Series: Electronics and Energetics, Vol. 28, no. 3 pp. 423-437, 2015, doi: 10.2298/FUEE1503423Z

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<b>Cumulative data of scientific, that is artistic and expert activity on the part of the lecturer</b>			
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Total number of citations	47	Number of domestic projects at which the lecturer currently participates	1
Total number of papers on the SCI (SSCI) list	8	Number of international projects at which the lecturer currently participates	

<b>Specializations</b>			
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<b>Other data considered relevant</b>			
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