

Табела. 9.6. Компетентност наставника

Име и презиме		Божидар Д Николић		
Звање		ванредни професор		
Ужа научна област		Квантна и математичка физика		
Академска каријера	Година	Институција	Област	Ужа научна односно уметничка област
Избор у звање	2019.	Универзитет у Београду	Физика	Квантна и математичка физика
Докторат	2007.	Универзитет у Београду	Физика	Квантна и математичка физика
Магистратура	2000.	Универзитет у Београду	Физика	Квантна и математичка физика
Мастер диплома	-			
Диплома	1995.	Универзитет у Београду	Физика	Квантна и математичка физика
Списак предмета које наставник држи на докторским студијама				
Р.Б.	Ознака	Назив предмета		
1	ФИЗДФКН6	Симетрија нискодимензионалних система		
Најзначајнији радови у складу са захтевима допунских услова стандарда за дато поље (минимално 10 не више од 20)				
1	I. Milošević, B. Nikolić, M. Damnjanović and M. Krčmar, Irreducible representations of diperiodic groups, J. Phys. A 31 (1998) 3625-48.			P21
2	I. Milošević, B. Nikolić and M. Damnjanović, Symmetry based calculations of the optical absorption in narrow nanotubes, Phys. Rev. B 69 (2004) 113408-1-4.			P21
3	M. Damnjanović, B. Nikolić and I. Milošević, Symmetry of nanotubes rolled up from arbitrary two-dimensional lattices along an arbitrary chiral vector, Phys. Rev. B 75 (2007) 33403-1-4.			P21
4	I. Milošević, B. Nikolić, E. Dobardžić, M. Damnjanović, I. Popov and G. Seifert, Electronic properties and optical spectra of MoS2 and WS2 nanotubes, Phys. Rev. B 76 (2007) 233414-1-4.			P21
5	B. Nikolić, Raman excitation profiles of metallic single-walled carbon nanotubes, J. Phys.: Condens. Matter 22 (2010) 095302.			P21
6	B. Nikolić, I. Milošević and M. Damnjanović, Raman Intensities of Totally Symmetrical Modes of Homogeneously Deformed Single-Walled Carbon Nanotubes, The Journal of Physical Chemistry C, (2014), 118, 20576-20584.			P21
7	B. Nikolić, M. Damnjanović and I. Milošević, Strain- and torsion-induced resonance energy tuning of Raman scattering in single-wall carbon nanotubes, Phys. Status Solidi B, (2016), 253, 2391–2395.			P22
8	A. Baum, A. Milosavljević, N. Lazarević, M. M. Radonjić, B. Nikolić, M. Mitschek, Z. Inanloo Maranloo, M. Šćepanović, M. Grujić-Brojčin, N. Stojilović, M. Opel, Aifeng Wang, C. Petrovic, Z. V. Popović, and R. Hackl, Phonon anomalies in FeS, Physical Review B 97, 054306 (2018).			P21
9	B. Nikolić, Z. P. Popović, I. Milošević and M. Damnjanović, Rigid-unit modes in layers and nanotubes, Phys. Status Solidi B, 255: 1800196. (2018).			P23
10	Popovic Z. P., Nikolic B D., Milosevic I, Damnjanovic M. M., Symmetry of rigid-layer modes: Raman and infrared activity, Physica E Low-Dimensional Systems & Nanostructures, (2019), vol. 114, 113613.			P22
11	Damnjanovic V., Lazic N., Solajic A., Pesic J., Nikolic B D, Damnjanovic M M, Peculiar symmetry-protected electronic dispersions in two-dimensional materials, Journal Of Physics-Condensed Matter 2020, 32, 485501.			P22
12	Milosevic I., Popovic Z P, Nikolic B D, Damnjanovic M M, Electronic Band Topology of Monoclinic MoS(2)Monolayer: Study Based on Elementary Band Representations for Layer Groups, Physica Status Solidi-Rapid Research Letters 2020, 2000351.			P22
13	B. Nikolić, I. Milošević and M. Damnjanović, Electron-phonon (de)coupling in 2D, Physica E 126 (2021) 114468.			P22
Збирни подаци научне активност наставника				
Укупан број цитата, без аутоцитата			260	
Укупан број радова са SCI (или SSCI) листе			25	
Тренутно учешће на пројектима			Домаћи 1	Међународни 1
Усавршавања			ТУ Берлин 2004. и 2007.	
Други подаци које сматрате релевантним				
Максимална дужине не сме бити већа од 1 странице А4				

Table. 9.6 Teachers' competences

Name and family name		Božidar Nikolić		
Title		Associate professor		
Narrow scientific area		Quantum and mathematical physics		
Academic career	Year	Institution	Area	Narrow scientific or art area
Election to the title	2019.	University of Belgrade	Physics	Quantum and mathematical physics
PhD	2007.	University of Belgrade	Physics	Quantum and mathematical physics
Master degree	2000.	University of Belgrade	Physics	Quantum and mathematical physics
Master diploma	-			
Diploma	1995.	University of Belgrade	Physics	Quantum and mathematical physics
List of subjects the teacher is lecturing in doctoral studies				
No.	Mark	Subject name		
1		ФизДФКН6 Symmetry of low-dimensional systems		
The most significant papers, in compliance with the requirements of the additional requirements of the standard for the given field (minimum 10, not more than 20)				
1	I. Milošević, B. Nikolić, M. Damnjanović and M. Krčmar, Irreducible representations of diperiodic groups, J. Phys. A 31 (1998) 3625-48.			R21
2	I. Milošević, B. Nikolić and M. Damnjanović, Symmetry based calculations of the optical absorption in narrow nanotubes, Phys. Rev. B 69 (2004) 113408-1-4.			R21
3	M. Damnjanović, B. Nikolić and I. Milošević, Symmetry of nanotubes rolled up from arbitrary two-dimensional lattices along an arbitrary chiral vector, Phys. Rev. B 75 (2007) 33403-1-4.			R21
4	I. Milošević, B. Nikolić, E. Dobardžić, M. Damnjanović, I. Popov and G. Seifert, Electronic properties and optical spectra of MoS ₂ and WS ₂ nanotubes, Phys. Rev. B 76 (2007) 233414-1-4.			R21
5	B. Nikolić, Raman excitation profiles of metallic single-walled carbon nanotubes, J. Phys.: Condens. Matter 22 (2010) 095302.			R21
6	B. Nikolić, I. Milošević and M. Damnjanović, Raman Intensities of Totally Symmetrical Modes of Homogeneously Deformed Single-Walled Carbon Nanotubes, The Journal of Physical Chemistry C, (2014), 118, 20576-20584.			R21
7	B. Nikolić, M. Damnjanović and I. Milošević, Strain- and torsion-induced resonance energy tuning of Raman scattering in single-wall carbon nanotubes, Phys. Status Solidi B, (2016), 253, 2391–2395.			R22
8	A. Baum, A. Milosavljević, N. Lazarević, M. M. Radonjić, B. Nikolić, M. Mitschek, Z. Inanloo Maranloo, M. Šćepanović, M. Grujić-Brojčin, N. Stojilović, M. Opel, Aifeng Wang, C. Petrovic, Z. V. Popović, and R. Hackl, Phonon anomalies in FeS, Physical Review B 97, 054306 (2018).			R21
9	B. Nikolić, Z. P. Popović, I. Milošević and M. Damnjanović, Rigid-unit modes in layers and nanotubes, Phys. Status Solidi B, 255: 1800196. (2018).			R23
10	Popovic Z. P., Nikolic B D., Milosevic I, Damnjanovic M. M., Symmetry of rigid-layer modes: Raman and infrared activity, Physica E Low-Dimensional Systems & Nanostructures, (2019), vol. 114, 113613.			R22
11	Damljanovic V., Lazic N., Solajic A., Pesic J., Nikolic B D, Damnjanovic M M, Peculiar symmetry-protected electronic dispersions in two-dimensional materials, Journal Of Physics-Condensed Matter 2020, 32, 485501.			R22
12	Milosevic I., Popovic Z P, Nikolic B D, Damnjanovic M M, Electronic Band Topology of Monoclinic MoS(2)Monolayer: Study Based on Elementary Band Representations for Layer Groups, Physica Status Solidi-Rapid Research Letters 2020, 2000351.			R22
13	B. Nikolić, I. Milošević and M. Damnjanović, Electron-phonon (de)coupling in 2D, Physica E 126 (2021) 114468.			R22
Cumulative data of scientific activity of the teacher				
Total number of citations, without self citations			260	
Total number of papers on the SCI (or SSCI) list			25	
Current participation in projects			Domestic 1	International 1
specialization			TU Berlin, 2004. and 2007.	
Other information you consider to be important				
Maximum length may not be over 1 A4 page				