

Табела. 9.6. Компетентност наставника

Име и презиме		Иванка Милошевић		
Звање		Редовни професор		
Ужа научна област		Квантна и математичка физика		
Академска каријера	Година	Институција	Област	Ужа научна односно уметничка област
Избор у звање	2007	Физички факултет, БУ	Физика	Квантна и математичка физика
Докторат	1994	Физички факултет, БУ	Физика	Квантна и математичка физика
Магистратура	1991	Физички факултет, БУ	Физика	Квантна и математичка физика
Диплома	1988	Физички факултет, БУ	Физика	Квантна и математичка физика
Списак предмета које наставник држи на докторским студијама				
Р.Б.	Ознака	Назив предмета		
1.	ФИЗДФКН2	Виши курс квантне механике		
2.	ФИЗДФКН6	Симетрија нискодимензионалних система		
3.	ФИЗДФКН9	Физика наноструктура		
Најзначајнији радови у складу са захтевима допунских услова стандарда за дато поље (минимално 10 не више од 20)				
				P
1.	<i>Line Groups in Physics: Theory and Applications to Nanotubes and Polymers</i> , M. Damnjanović and I. Milošević , Lecture Notes in Physics, Vol. 801 (Springer, Berlin 2010)			M 11
2.	<i>Full symmetry implementation in condensed matter and molecular physics - Modified group projector technique</i> , M. Damnjanović and I. Milošević , Physics Reports 581 , 1 (2015)			M 21a
3.	<i>Elementary band representations for (double)-line groups</i> , I. Milošević , S. Dmitrović, T. Vuković, A. Dimić, M. Damnjanović, J. Phys. A: Math.Theor. 53 , 455204 (2020)			M 21
4.	<i>Electronic Band Topology of Monoclinic MoS2 Monolayer: Study Based on Elementary Band Representations for Layer Groups</i> , I. Milošević , Z. P. Popović B. Nikolić, M. Damnjanović, Phys. Status Solidi – RRL 14 , 2000351 (2020)			M 21
5.	<i>Symmetry based analysis of the Kohn anomaly and electron-phonon interaction in graphene and carbon nanotubes</i> , I. Milošević , N. Kepčija, E. Dobardžić, M. Mohr, J. Maultzsch, C. Thomsen, M. Damnjanović, Phys. Rev. B 81 , 233410 (2010)			M 21
6.	<i>Symmetry based Study of MoS2 and WS2 Nanotubes</i> , M. Damnjanović, T. Vuković, I. Milošević , Israel Journal of Chemistry 57 , 201600043 (2017) [Invited Review]			M 22
7.	<i>Phonon transport in helically coiled carbon nanotubes</i> , Z. P. Popović, M. Damnjanović, I. Milošević , Carbon 77 , 281 (2014)			M 21a
8.	<i>Full symmetry, optical activity, and potentials of single-wall and multiwall nanotubes</i> , M. Damnjanović, I. Milošević , T. Vuković, R. Srdanović, Phys. Rev. B 60 , 2728 (1999)			M 21
9.	<i>Normal vibrations and Jahn-Teller effect for polymers and quasi-one-dimensional systems</i> , I. Milošević and M. Damnjanović, Phys. Rev. B 47 , 7805 (1993)			M 21
10.	<i>Symmetry-Oriented Research of Polymers PC Program POLSym and DNA</i> , I. Milošević , A. Damnjanović, M. Damnjanović, Ch. XIV in „Quantum Mechanical Simulation Methods for Studying Biological Systems“, eds. D. Bicout, M. Field, Springer, Berlin, Heidelberg (1996)			M 13
Збирни подаци научне активност наставника				
Укупан број цитата, без аутоцитата		1825 (SCOPUS, за период од 1994. год.)		
Укупан број радова са SCI (или SSCI) листе		93 (SCOPUS, за период од 1994. год.)		
Тренутно учешће на пројектима		Домаћи 0	Међународни 2	
Усавршавања		2001, 2005 TU Berlin, 2004, 2005 TU Dresden, 2006, 2007 ESPCI Paris		

Table. 9.6 Teachers' competences

Name and family name		Ivanka Milosevic		
Title		Professor		
Narrow scientific area		Quantum and mathematical physics		
Academic career	Year	Institution	Area	Narrow scientific or art area
Election to the title	2007	Faculty of Physics, BU	Physics	Quantum & math. physics
PhD	1994	Faculty of Physics, BU	Physics	Quantum & math. physics
Master degree	1991	Faculty of Physics, BU	Physics	Quantum & math. physics
Diploma	1988	Faculty of Physics, BU	Physics	Quantum & math. physics
List of subjects the teacher is lecturing in doctoral studies				
No.	Mark	Subject name		
1.	ФИЗДФКН2	Advanced course of quantum mechanics		
2.	ФИЗДФКН6	Symmetry of low-dimensional systems		
3.	ФИЗДФКН9	Physics of nanostructures		
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>Line Groups in Physics: Theory and Applications to Nanotubes and Polymers</i> , M. Damnjanović and I. Milošević , Lecture Notes in Physics, Vol. 801 (Springer, Berlin 2010)			M 11
2.	<i>Full symmetry implementation in condensed matter and molecular physics - Modified group projector technique</i> , M. Damnjanović and I. Milošević , Physics Reports 581 , 1 (2015)			M 21a
3.	<i>Elementary band representations for (double)-line groups</i> , I. Milošević , S. Dmitrović, T. Vuković, A. Dimić, M. Damnjanović, J. Phys. A: Math.Theor. 53 , 455204 (2020)			M 21
4.	<i>Electronic Band Topology of Monoclinic MoS2 Monolayer: Study Based on Elementary Band Representations for Layer Groups</i> , I. Milošević , Z. P. Popović B. Nikolić, M. Damnjanović, Phys. Status Solidi – RRL 14 , 2000351 (2020)			M 21
5.	<i>Symmetry based analysis of the Kohn anomaly and electron-phonon interaction in graphene and carbon nanotubes</i> , I. Milošević , N. Kepčija, E. Dobardžić, M. Mohr, J. Maultzsch, C. Thomsen, M. Damnjanović, Phys. Rev. B 81 , 233410 (2010)			M 21
6.	<i>Symmetry based Study of MoS2 and WS2 Nanotubes</i> , M. Damnjanović, T. Vuković, I. Milošević , Israel Journal of Chemistry 57 , 201600043 (2017) [Invited Review]			M 22
7.	<i>Phonon transport in helically coiled carbon nanotubes</i> , Z. P. Popović, M. Damnjanović, I. Milošević , Carbon 77 , 281 (2014)			M 21a
8.	<i>Full symmetry, optical activity, and potentials of single-wall and multiwall nanotubes</i> , M. Damnjanović, I. Milošević , T. Vuković, R. Srdanović, Phys. Rev. B 60 , 2728 (1999)			M 21
9.	<i>Normal vibrations and Jahn-Teller effect for polymers and quasi-one-dimensional systems</i> , I. Milošević and M. Damnjanović, Phys. Rev. B 47 , 7805 (1993)			M 21
10.	<i>Symmetry-Oriented Research of Polymers PC Program POLSym and DNA</i> , I. Milošević , A. Damnjanović, M. Damnjanović, Ch. XIV in „Quantum Mechanical Simulation Methods for Studying Biological Systems“, eds. D. Bicout, M. Field, Springer, Berlin, Heidelberg (1996)			M 13
Cumulative data of scientific activity of the teacher				
Total number of citations, without self citations		1825 (SCOPUS, за период од 1994. год.)		
Total number of papers on the SCI (or SSCI) list		93 (SCOPUS, за период од 1994. год.)		
Current participation in projects		Domestic 0		International 2
Specialization		2001, 2005 TU Berlin, 2004, 2005 TU Dresden, 2006, 2007 ESPCI Paris		