Име и презиме		Татјана Вуковић		
Звање		редовни професор		
Ужа научна област		Квантна и математичка физика		
Академска каријера	Година	Институција	Област	Ужа научна односно уметничка област
Избор у звање	19.2.2020	Универзитет у Београду Физички факултет	Физика	Квантна и математичка физика
Докторат	23.10.2000	Универзитет у Београду Физички факултет	Физика	Квантна и математичка физика, Физика кондензованог стања
Магистратура	15.07.1998	Универзитет у Београду Физички факултет	Физика	Квантна и математичка физика
Диплома	05.01.1994	Универзитет у Београду Физички факултет	Физика	Квантна и математичка физика

Списак предмета које наставник држи на докторским студијама

Р.Б.	**Ознака**	**Назив предмета**
1	ФИЗДФКН3	Виши курс математичке физике
2	ФИЗДФКН8	Физика наноструктура

Најзначајнији радови **у складу са захтевима допунских услова стандарда за дато поље (минимално 10 не више од 20)**

1.	I. Milošević, S. Dmitrović, T. Vuković, A Dimić and M. Damnjanović: Elementary band representations for (double)-line groups, J. Phys. A 53 (45) , art. no. 455204 (2020).	M21
2.	M Milivojević, S Dmitrović, M Damnjanović and T Vuković: Spin–Orbit Effects in MoS_2 Nanotubes, J. Phys. Chem. C 124 (20), 11141-11149 (2020).	M21
3.	N Lazić, M Milivojević, T Vuković and M Damnjanović: Double line groups: structure, irreducible representations and spin splitting of the bands, J. Phys. A: Math. Theor. 51 225203 (2018).	M21
4.	S. Dmitrović, I Milošević, M Damnjanović and T Vuković: Electronic Properties of Strained Carbon Nanotubes: Impact of Induced Deformations, J. Phys. Chem. C 19 (24), 13922 (2015).	M21
5.	E. Dobardžić, I. Milošević, B. Nikolić, T. Vuković and M. Damnjanović: Single-wall carbon nanotubes phonon spectra: symmetry based calculations, Phys. Rev. B 68 (2003) 045408.	M21a
6.	T. Vuković, I. Milošević and M. Damnjanović: Carbon nanotubes band assignation, topology, Bloch states and selection rules, Phys. Rev. B 65, 045418 (2002).	M21a
7.	M. Damnjanović, I. Milošević, T. Vuković and R. Sredanović: Full Symmetry, Optical Activity and Potentials of Single- and Multi-wall Nanotubes , Phys. Rev. B 60, 2728 (1999).	M21a
8.	M. Damnjanović, I. Milošević, E. Dobardžić, T. Vuković and B. Nikolić, "Symmetry Based Fundamentals on Carbon Nanotubes", Ch.2 (p41-88) in"Applied Physics of Nanotubes: Fundamentals of Theory, Optics and Transport Devices", eds. Slava V Rotkin and Shekhar Subramoney, Springer series in Nanoscience and Technology (Springer, Berlin, 2005)	M13
9.	M. Damnjanović, T. Vuković and I. Milošević: Super-slippery Carbon Nanotubes: Symmetry Breaking breaks friction, Eur. Phys. J. B 25 131-134 (2002).	M21a
10.	I. Milošević, T. Vuković, S. Dmitrović and M. Damnjanović: Polarized optical absorption in carbon nanotubes: a symmetry based approach, Phys. Rev. B 67 (2003) 165418.	M21a

Збирни подаци научне активност наставника

Укупан број цитата, без аутоцитата	Преко 750	
Укупан број радова са SCI (или SSCI) листе	45	
Тренутно учешће на пројектима	Домаћи	Међународни
Усавршавања	Summer school:Atomic clusters and nanoparticles, Les Houches 2000, France	

Name and family name		Tatjana Vuković		
Title		full professor		
Narrow scientific area		Quantum and mathematical physics		
Academic career	Year	Institution	Area	Narrow scientific or art area
Election to the title	19.2.2020	University of Belgrade Faculty of Physics	Physics	Quantum and mathematical physics
PhD	23.10.2000	University of Belgrade Faculty of Physics	Physics	Quantum and mathematical physics
Master degree	15.07.1998	University of Belgrade Faculty of Physics	Physics	Quantum and mathematical physics
Diploma	05.01.1994	University of Belgrade Faculty of Physics	Physics	Quantum and mathematical physics

List of subjects the teacher is lecturing in doctoral studies

No.	**Mark**	**Subject name**
1.	ФИЗДФКН3	Advanced course in mathematical physics
2.	ФИЗДФКН8	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. Milošević, S. Dmitrović, T. Vuković, A Dimić and M. Damnjanović: Elementary band representations for (double)-line groups, J. Phys. A 53 (45) , art. no. 455204 (2020).	M21
2.	M Milivojević, S Dmitrović, M Damnjanović and T Vuković: Spin–Orbit Effects in MoS_2 Nanotubes, J. Phys. Chem. C 124 (20), 11141-11149 (2020).	M21
3.	N Lazić, M Milivojević, T Vuković and M Damnjanović: Double line groups: structure, irreducible representations and spin splitting of the bands, J. Phys. A: Math. Theor. 51 225203 (2018).	M21
4.	S. Dmitrović, I Milošević, M Damnjanović and T Vuković: Electronic Properties of Strained Carbon Nanotubes: Impact of Induced Deformations, J. Phys. Chem. C 19 (24), 13922 (2015).	M21
5.	E. Dobardžić, I. Milošević, B. Nikolić, T. Vuković and M. Damnjanović: Single-wall carbon nanotubes phonon spectra: symmetry based calculations, Phys. Rev. B 68 (2003) 045408.	M21a
6.	T. Vuković, I. Milošević and M. Damnjanović: Carbon nanotubes band assignation, topology, Bloch states and selection rules, Phys. Rev. B 65, 045418 (2002).	M21a
7.	M. Damnjanović, I. Milošević, T. Vuković and R. Sredanović: Full Symmetry, Optical Activity and Potentials of Single- and Multi-wall Nanotubes , Phys. Rev. B 60, 2728 (1999).	M21a
8.	M. Damnjanović, I. Milošević, E. Dobardžić, T. Vuković and B. Nikolić, "Symmetry Based Fundamentals on Carbon Nanotubes", Ch.2 (p41-88) in"Applied Physics of Nanotubes: Fundamentals of Theory, Optics and Transport Devices", eds. Slava V Rotkin and Shekhar Subramoney, Springer series in Nanoscience and Technology (Springer, Berlin, 2005)	M13
9.	M. Damnjanović, T. Vuković and I. Milošević: Super-slippery Carbon Nanotubes: Symmetry Breaking breaks friction, Eur. Phys. J. B 25 131-134 (2002).	M21a
10	I. Milošević, T. Vuković, S. Dmitrović and M. Damnjanović: Polarized optical absorption in carbon nanotubes: a symmetry based approach, Phys. Rev. B 67 (2003) 165418.	M21a

Cumulative data of scientific activity of the teacher

Total number of citations, without self citations	over 750	
Total number of papers on the SCI (or SSCI) list	45	
Current participation in projects	Domestic	International
specialization	Summer school:Atomic clusters and nanoparticles, Les Houches 2000, France	