Name		Aleksandar Nastić		
Title		full professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2020	University of Niš, Faculty of Sciences and Mathematics	Mathematical Sciences	Mathematics
PhD	2012	University of Niš, Faculty of Sciences and Mathematics	Mathematical Sciences	Mathematics
MSc	2008	University of Niš, Faculty of Sciences and Mathematics	Mathematical Sciences	Mathematics
Master Degree	2003	University of Niš, Faculty of Sciences and Mathematics	Mathematical Sciences	Mathematics

No	Code	**Name of the subject**
1.		Mathematical Statistics

Representative references (minimum 10, maximum 20)		
1.	P.N. Laketa , **A. S. Nastić**, M. M. Ristić (2018) Generalized random environment INAR models of higher order, Mediterranean Journal of Mathematics, 15-1, https://doi.org/10.1016/j.aml.2011.09.040	M21
2.	**A. S. Nastić**, M. M. Ristić, H. S. Bakouch (2012) A combined geometric INAR(p) model based on negative binomial thinning, Mathematical and Computer Modelling, 55, 665-1672. https://doi.org/10.1016/j.mcm.2011.10.080	M21
3.	M. M. Ristić, **A. S. Nastić**, K. Jayakumar, H. S. Bakouch (2012) A bivariate INAR(1) time series model with geometric marginals, Applied Mathematics Letters, 25, 481-485. https://doi.org/10.1016/j.aml.2011.09.040	M21a
4.	P. M. Popović, P. N. Laketa, **A. S. Nastić** (2019) Forecasting with two generalized integer-valued autoregressive processes of order one in the mutual random environment, SORT Statistics and Operations Research Transactions, 43, 355–384. DOI**:**10.2436/20.8080.02.92 (**M22**, IF=1.125) https://www.idescat.cat/sort/sort432/43.2.8.popovic-etal.pdf	M22
5.	A. S. Nastić, M. M. Ristić, Ana D. Janjić (2017) A mixed thinning based geometric INAR(1) model, Filomat, 31. 4009–4022 https://doi.org/10.2298/FIL1713009N	M22
6.	A. S. Nastić, P.N. Laketa, M. M. Ristić (2016) Random Environment Integer-Valued Autoregressive process, Journal of Time Series Analysis, 37, 267–287. https://doi.org/10.1111/jtsa.12161	M22
7.	P. M. Popović, M. M. Ristić, A. S. Nastić (2016) A geometric bivariate time series with different marginal parameters, Statistical Papers, 57, 731-753. https://doi.org/10.1007/s00362-015-0677-z	M22
8.	M. M. Ristić, A. S. Nastić, A. V. Miletić-Ilić (2013) A geometric time series model with dependent Bernoulli counting series, Journal of Time Series Analysis, 34, 466-476. https://doi.org/10.1111/jtsa.12023	M22
9.	M. M. Ristić, A. S. Nastić (2012) A mixed INAR(p) model, Journal of Time Series Analysis 33, 903–915. https://doi.org/10.1111/j.1467-9892.2012.00806.x	M22
10.	A. S. Nastić, P.N. Laketa, M. M. Ristić (2019) Random environment INAR models of higher order, RevStat: Statistical Journal, 17, 35–65. https://www.ine.pt/revstat/pdf/REVSTAT_v17-n1-3.pdf	M23

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	SCOPUS: 350	
Total number of papers from the SCI (SSCI) list	21	
Current participation in projects	Domestic : 1	International :
Specializations		

Other relevant information: SCOPUS h-Index=11, citations 410 (SCOPUS). Member of editorial boards of: Journal of Applied Statistics (M21), FILOMAT (M22), Communications in Statistics- all series (M23), Facta Universitatis-series in Mathematics and Informatics. Mentorship of over 20 masterv theses and 2 PhDs.

Name and surname		Aleksandar B. Stamenković		
Title		Full professor		
Scientific Field		Computer sciences		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	08.06.2015	Faculty of Science in Niš	Computer sciences	Computer sciences
PhD	2010.	Faculty of Science in Niš	Computer sciences	Computer sciences
MSc	2005.	Faculty of Science in Niš	Mathematical sciences	Mathematical sciences
Master Degree	1998.	Faculty of Philosophyin Niš	Mathematical sciences	Theoretical mathematics and applications

BSc

NO	Code	Name of the subject
1.	20.ИДИ41	Natural computation
2.	20.ИДИ46	Implementation and application of automata
3.		Semiring theory

Representative references (minimum 10, maximum 20)

1	Ćirić, Miroslav; Ignjatović, Jelena; Popović, Žarko; Stamenković, Aleksandar. Positive Fuzzy Quasi-Orders on Semigroups. FILOMAT, 2023, 37(5), 1341–1365. https://doi.org/10.2298/FIL2303711S	M22
2	Stamenković, Aleksandar; Stanimirović, Stefan; Halava, Vesa. Certain linear and weakly linear systems of matrix equations over semirings. Applications in a state reduction of weighted automata. FILOMAT, 2022, 36(8), 2775-2793. https://doi.org/10.2298/FIL2208775S	M22
3	Stamenković, Aleksandar; Ćirić, Miroslav; Djurdjanović, Dragan. Weakly Linear Systems for Matrices over the Max-plus Quantale. DISCRETE EVENT DYNAMIC SYSTEMS: THEORY AND APPLICATIONS, 2022, 32(1), 1–25. https://doi.org/10.1007/s10626-021-00342-4	M21
4	Stamenković, Aleksandar; Ćirić, Miroslav; Bašić, Milan. Ranks of Fuzzy Matrices. Applications in State Reduction of Fuzzy Automata. FUZZY SETS AND SYSTEMS, 2018, 333, 124–139. https://doi.org/10.1016/j.fss.2017.05.028	M21a
5	Stamenković, Aleksandar; Ćirić, Miroslav; Ignjatović, Jelena. Reduction of fuzzy automata by fuzzy-quasi orders. INFORMATION SCIENCES, 2014, 275, 168-198. https://doi.org/10.1016/j.ins.2014.02.028	M21a
6.	S. Stanimirović, A. Stamenković, M. Ćirić, Improved algorithms for computing the greatest right and left invariant Boolean matrices and their application, FILOMAT, 33:9 (2019), 2809–2831.	M22
7.	M. Ćirić, J. Ignjatović, A. Stamenković, Ž. Popović, Positive fuzzy quasi-orders on semigroups, FILOMAT (2022), accepted.	M22
8.	A. Stamenković, S. Stanimirović, Vesa Halava, Certain linear and weakly linear systems of matrix equations over semirings. Applications in a state reduction of weighted automata, FILOMAT (2022), accepted.	M22
9.	M. Ćirić, A. Stamenković, J. Ignjatović and T. Petković, Factorization of fuzzy automata, in: E. Csuhaj-Varjú and Z. Ésik (Eds.): FCT 2007, LECTURE NOTES IN COMPUTER SCIENCE 4639 (2007), 213–225.	M23
10.	A. Stamenković, M. Ćirić, J. Ignjatović, Different models of fuzzy automata with fuzzy states, FACTA UNIVERSITATIS, SERIES MATHEMATICS AND INFORMATICS 30 (2015), 235–253.	M51

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	Web of Science 121 (105); Scopus: 119 (102)	
Total number of papers from the SCI (SSCI) list	9	
Current participation in projects	Domestic : 2	International :
Specializations	EUROWEB - European Research and Education Collaboration with Western Balkan (2014-2015), Turku, Finland.	

Other relevant information:
Lecturer at the Petnica Research Station in 2013 and 2014 (topics: game theory, (max, +) - algebra, multi-valued logics)

Name and surname		Andreja P. Tepavčević		
Title		Full professor, research full professor		
Scientific Field		Algebra and mathematical logic		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2003 (2019)	University of Novi Sad (Mathematical institute SANU)	Mathematics	Algebra and mathematical logic (Mathematics)
PhD	1993	University of Novi Sad	Mathematics	Algebra and mathematical logic
MSc	1990	University of Novi Sad	Mathematics	Algebra and mathematical logic
Master Degree	1987, 1988	University of Novi Sad	Mathematics	Informatics, Mathematics

BSc

NO	Code	Name of the subject
1.		General Algebra
2.		Theory of Ordered Sets
3.		Lattice Theory

Representative references (minimum 10, maximum 20)

1	Horváth Eszter K., Radeleczki Sándor, Šešelja Branimir, Tepavčević Andreja, A Note on Cuts of Lattice-Valued Functions and Concept Lattices, Mathematica Slovaca 73, 3 (2023) 583-594, https://doi.org/10.1515/ms-2023-0043	M21
2	Medina, Jesus; Stepanović, Vanja; Tepavčević, Andreja Solutions of matrix equations with weak fuzzy equivalence relations, Information Sciences; 629; 634-645 (2023) , https://doi.org/10.1016/j.ins.2023.01.145	M21a
3	Jorge Jimenez, María Luisa Serrano, Branimir Šešelja, Andreja Tepavčević, Omega-rings, Fuzzy Sets and Systems 455 (2023) 183-197, https://doi.org/10.1016/j.fss.2022.04.012.	M21a
4	Jovanović, Jelena; Šešelja, Branimir; Tepavčević, Andreja, Lattices with normal elements , Algebra Universalis; 83; 2 (2021) , https://doi.org/10.1007/s00012-021-00759-w	M22
5	Jovanović, Jelena; Šešelja, Branimir; Tepavčević, Andreja Lattice characterization of finite nilpotent groups Algebra Universalis; 82(3); 40 (2021) https://doi.org/10.1007/s00012-021-00716-7	M22
6	Šešelja, Branimir; Tepavčević, Andreja , Ω-groups in the language of Ω-groupoids, Fuzzy Sets and Systems; 397; 152-167(2020) https://doi.org/10.1016/j.fss.2019.08.007	M21a
7	Šešelja, Branimir; Slivková, Anna; Tepavčević, Andreja On geometric posets and partial matroids Algebra Universalis; 81(3) (2020) https://doi.org/10.1007/s00012-020-00673-7	M22
8	Horváth, Eszter K.; Radeleczki, Sándor; Šešelja, Branimir; Tepavčević, Andreja Cuts of poset-valued functions in the framework of residuated maps, Fuzzy Sets and Systems 397 (2020), 28-40, https://doi.org/10.1016/j.fss.2020.01.003.	M21a
9	Horiuchi, Kiyomitsu; Šešelja, Branimir; Tepavčević, Andreja Trice-valued fuzzy sets: Mathematical model for three-way decisions, Information Sciences; 507 (2020) 574-584 https://doi.org/10.1016/j.ins.2018.09.007	M21a
10	Krapež, Aleksandar ; Šešelja, Branimir; Tepavčević, Andreja Solving linear equations by fuzzy quasigroups techniques Information Sciences; 491 (2019) 179-189	M21a

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	357	
Total number of papers from the SCI (SSCI) list	101	
Current participation in projects	Domestic :	International :
Specializations	-MSRI Berkeley, USA, Summer research program 2002 -University of Vienna, 2002 (1 month)	
Other relevant information:		

Name and surname		**Bojana Borovićanin**		
Academic Title		Associate Professor		
Narrow Scientific Field		Discrete Mathematics		
Academic career	Year	Institution	Scientific Field	Narrow Scientific/Artistic Field
Associate Professor	2019.	Faculty of Science, Kragujevac	Mathematics	Discrete Mathematics
Doctoral Dissertation	2008.	Faculty of Science, Kragujevac	Mathematics	Discrete Mathematics
Master Thesis	2000.	Faculty of Science, Kragujevac	Mathematics	Discrete Mathematics
Graduate Degree	1996.	Faculty of Science, Kragujevac	Mathematics	Theoretical Mathematics with Applications

Doctoral Study Courses the Teacher Participates in		
No.	Course Code	Course Title
1.		Graph Theory

Relevant references **in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10, not more than 20)**

1.	Zogić E., **Borovićanin B**., Glogić E., Milovanović I., Milovanović E., *New bounds for some spectrum-based topological indices of graphs,* MATCH Commun. Math. Comput. Chem., 86(2021), 685-701, ISSN 0340-6253	M22
2.	**Borovićanin B.**, Das K.C., Furtula B., Gutman I., *Bounds for Zagreb indice*s, MATCH Commun. Math. Comput. Chem. 78 (2017), 17-100**,** ISSN 0340-6253	M21a
3.	**Borovićanin B***.,* Furtula B., *On extremal Zagreb indices of trees with given domination number,* Appl. Math. Comput. 279(2016), 208-218, ISSN 0096-3003	M21a
4.	**Borovićanin B.***,* Aleksić Lampert T., *On the maximum and minimum Zagreb indices of trees with a given number of vertices of maximum degree,* MATCH Commun. Math. Comput. Chem. 74 (2015), 81-96**,** ISSN 0340-6253	M21a
5.	**Borovićanin B.***, On the extremal Zagreb indices of trees with given number of segments or given number of branching vertices,* MATCH Commun. Math. Comput. Chem. 74 (2015), 57-79, ISSN 0340-6253	M21a
6.	Wang J.F., Belardo F., Huang Q.X**., Borovićanin B**., *On the two largest Q-eigenvalues of graphs*, Discrete Mathematics 310(21) (2010), 2858-2866, ISSN 0012-365X	M22
7.	Petrović M., **Borovićanin B**., Aleksić T., *Bicyclic graphs for which the least eigenvalue is minimum*, Linear Algebra Appl. 430(4) (2009), 1328-1335, ISSN 0024-3795	M22
8.	M. Petrović M., **Borovićanin B.**, *The spectral radius of tricyclic graphs with n vertices and k pendant edges,* Ars Combinatoria, 86(2008), 77-88, ISSN 0381-7032	M23
9.	Gutman I., **Borovićanin B.**, *Zhang-Zhang polynomial of multiple linear hexagonal chains*, Z. Naturforsch. 61a (2006), 73-77, ISSN 0932-0784	M23
10.	Petrović M., **Borovićanin B.**, Radosavljević Z., *The integral 3-harmonic graphs*, Linear Algebra Appl. 416 (2006), 298-312, ISSN 0024-3795	M22
11.	Petrović M**., Borovićanin B.**, Torgašev A., *On graphs with at most three Laplacian eigenvalues greater than or equal to two,* Linear Algebra Appl., 380 (2004), 173-184, ISSN 0024-3795	M22
12.	**Borovićanin B**., Grunewald S., Gutman I., Petrović M*., Harmonic graphs with small number of cycles*, Discrete Mathematics 265 (2003), 31-44, ISSN 0012-365X	M22

Cumulative Data Illustrating Scientific Activity of the Teacher		
Total No. of Citations	287	
Total No. of SCI (SSCI) indexed Papers	14	
Active Project Participation	Domestic : 1	International : 0
Specialization:		

Other Relevant Data: associate editor of **Kragujevac Journal of Mathematics, co-author of 3 chapters in monographs, author of 1 university textbook**

Name and surname		Bogdana Stanojević		
Title		Senior research associate		
Scientific Field		Computer Science		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Senior research associate	2017	MI-SANU	Mathematics	Computer Science
PhD	2003	Romanian Academy, Bucharest, Romania	Природно математичких наука	Operations Research
Master Degree	1996	Transilvania University, Brasov, Romania	Faculty of Sciences	Probabilities and Statistics
Master Degree	1995	Transilvania University, Brasov, Romania	Faculty of Sciences	Mathematics and Computer Science

NO	**Code**	**Name of the subject**
		Multiple Criteria Optimization

Representative references (minimum 10, maximum 20)

1	Stanojević, Bogdana ; Stanojević, Milan. Optimization-Based Fuzzy Regression in Full Compliance with the Extension Principle. International Journal of Computers, Communications and Control, 2023, 18(2); 5320 https://doi.org/10.15837/ijccc.2023.2.5320	M22
2	Stanojević, Bogdana. Extension principle-based solution approach to full fuzzy multi-objective linear fractional programming. Soft Computing, 2022, 26, 5275–5282 https://doi.org/10.1007/s00500-022-06884-5	M22
3	Stanojević, Bogdana ; Stanojević, Milan; Nădăban, Sorin. Reinstatement of the extension principle in approaching mathematical programming with fuzzy numbers. Mathematics, 2021, 9(11); 1272 https://doi.org/10.3390/math9111272	M21a
4	Stanojević, Bogdana ; Stanojević, Milan. Approximate Membership Function Shapes of Solutions to Intuitionistic Fuzzy Transportation Problems. International Journal of Computers Communications & Control, 2020, 16(1); 4057 DOI: 10.15837/ijccc.2021.1.4057	M22
5	Stanojević, Bogdana ; Glover, Fred. A new approach to generate pattern-efficient sets of non-dominated vectors for multi-objective optimization. Information Sciences, 2020, 530; 22-42 https://doi.org/10.1016/j.ins.2020.04.040	M21a
6	Stanojević, Bogdana ; Dzitac, Simona; Dzitac, Ioan. Crisp-linear-and models in fuzzy multiple objective linear fractional programming. International Journal of Computers, Communications and Control, 2020, 15(1) DOI: 10.15837/ijccc.2020.1.3812	M22
7	Stanojević, Bogdana ; Dzitac, Simona; Dzitac, Ioan. Fuzzy Numbers and Fractional Programming in Making Decisions. International Journal of Information Technology & Decision Making, 2020, 19(4); 1123-1147 https://doi.org/10.1142/S0219622020300037	M21
8	Stanojević, Bogdana ; Stanojević, Milan. A computationally efficient algorithm to approximate the pareto front of multi-objective linear fractional programming problem. RAIRO - Operations Research, 2019, 53(4); 1229-1244 https://doi.org/10.1051/ro/2018083	M23
9	Stanojević, Bogdana ; Stanojević, Milan. Parametric computation of a fuzzy set solution to a class of fuzzy linear fractional optimization problems. Fuzzy Optimization and Decision Making, 2016, 15(4); 435-455 https://doi.org/10.1007/s10700-016-9232-1	M21
10	Stanojević, Milan; Milenković, Ivan; Starčević, Dušan; Stanojević, Bogdana. Continuous distribution approximation and thresholds optimization in serial multi-modal biometric systems. International Journal of Computers, Communications and Control, 2016, 11(5); 721-734 DOI: 10.15837/ijccc.2016.5.2683	M23

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	Scopus: 177, WOS: 52.	
Total number of papers from the SCI (SSCI) list	22	
Current participation in projects	Domestic :	International :
Specializations		
Other relevant information:		

Name and Surname		Boriša Kuzeljević		
Position		Assistant professor		
Specific scientific area		Algebra and mathematical logic		
Academic career	Year	Institution	Scientific area	Specific scientific area
Assistant professor	2018	Faculty of Sciences, Novi Sad	Mathematics	Algebra and mathematical logic
PhD	2014	Faculty of Sciences, Novi Sad	Mathematics	Algebra and mathematical logic
MSc	2009	Faculty of mathematics, Belgrade	Mathematics	Mathematics
BSc	2009	Faculty of mathematics, Belgrade	Mathematics	Mathematics

List of courses which the professor teaches at doctoral studies

No.	**Code**	**Course**
1.		Set-theoretic topology

Most important research publications, in accordance with the extended standards for the specific research area (minimum 10, maximum 20)

1	Kuzeljevic, Borisa; Raghavan, Dilip; Verner, Jonathan L. Lower bounds of sets of P-points. Notre Dame J. Form. Log. 64 (2023), no. 3, 317-327. https://doi.org/10.1215/00294527-2023-0009	M22
2	Kuzeljevic, Borisa; Todorcevic, Stevo. Cofinal types on ω_2. MLQ Math. Log. Q. 69 (2023), no. 1, 92-103. https://doi.org/10.1002/malq.202200021	M23
3	Kurilić, Miloš S; Kuzeljević, Boriša. Antichains of copies of ultrahomogeneous structures. Arch. Math. Logic 61 (2022), no. 5-6, 867-879. https://doi.org/10.1007/s00153-022-00817-7	M23
4	Kurilić, Miloš S; Kuzeljević, Boriša. Positive families and Boolean chains of copies of ultrahomogeneous structures. C. R. Math. Acad. Sci. Paris 358 (2020), no. 7, 791-796. https://doi.org/10.5802/crmath.82	M22
5	Kuzeljevic, Borisa; Todorcevic, Stevo. P-ideal dichotomy and a strong form of the Suslin Hypothesis. Fund. Math. 251 (2020), no. 1, 17-33. https://doi.org/10.4064/fm864-2-2020	M23
6	Kuzeljević, Boriša. On the structure of random hypergraphs. Publ. Inst. Math. (Beograd) (N.S.) 104(118) (2018), 43-51. https://doi.org/10.2298/pim1818043k	M24
7	Kuzeljevic, Borisa; Raghavan, Dilip. A long chain of P-points. J. Math. Log. 18 (2018), no. 1, 1850004, 38 pp. https://doi.org/10.1142/S0219061318500046	M21a
8	Kuzeljevic, Borisa; Todorcevic, Stevo. Forcing with matrices of countable elementary submodels. Proc. Amer. Math. Soc. 145 (2017), no. 5, 2211-2222. https://doi.org/10.1090/proc/13133	M22
9	Kurilić, Miloš S; Kuzeljević, Boriša. Maximal chains of isomorphic suborders of countable ultrahomogeneous partial orders. Order 32 (2015), no. 1, 83-99. https://doi.org/10.1007/s11083-014-9317-9	M22
10	Kurilić, Miloš S; Kuzeljević, Boriša. Maximal chains of isomorphic subgraphs of countable ultrahomogeneous graphs. Adv. Math. 264 (2014), 762-775. https://doi.org/10.1016/j.aim.2014.07.011	M21a

Cummulative data of the research activity of the professor

Total number of citations, without autocitations	6 (Scopus)	
Total number of papers on SCI list	8 (Scopus)	
Current participation on research projects	National: CLOUDS, Financed by the Science Fund of the Republic of Serbia (2020/22)	International :
Internships	Visiting Research Fellow at the National University of Singapore (August 2015 - July 2016). Postdoc at the Institute of Mathematics of the Czech Academy of Sciences (September 2017 – August 2018).	

Name and surname		Borislav Gajić		
Title		Associate Research Professor		
Scientific Field		Mechanics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Associate Research Professor	2020.	Mathematical Institute of the Serbian Academy of Sciences and Arts	Mechanics	-
PhD	2002.	Faculty of Mathematics, University of Belgrade	Mechanics	-
MSc	1997.	Faculty of Mathematics, University of Belgrade	Mechanics	-
Master Degree	1993.	Faculty of Mathematics, University of Belgrade	Mechanics	-.

BSc		
NO	**Code**	**Name of the subject**
1		Lie groups and algebras
2		Symplectic geometry and analytical dynamics

Representative references (minimum 10, maximum 20)		
1	Dragović, Vladimir ; Gajić, Borislav ; Jovanović, Božidar. Spherical and Planar Ball Bearings — a Study of Integrable Cases. Regular and Chaotic Dynamics, 2023, 28(1); 62-77 https://doi.org/10.1134/S1560354723010057	M22
2	Dragović, Vladimir ; Gajić, Borislav. Points with rotational ellipsoids of inertia, envelopes of hyperplanes which equally fit the system of points in R-k, and ellipsoidal billiards. Physica D: Nonlinear Phenomena, 2023, 451, 133776 https://doi.org/10.1016/j.physd.2023.133776	M21a
3	Dragović, Vladimir ; Gajić, Borislav ; Jovanović, Božidar. Gyroscopic Chaplygin Systems and Integrable Magnetic Flows on Spheres. Journal of Nonlinear Science, 2023, 33(3); 43 https://doi.org/10.1007/s00332-023-09901-5	M21a
4	Dragović, Vladimir ; Gajić, Borislav ; Jovanović, Božidar. Spherical and Planar Ball Bearings — Nonholonomic Systems with Invariant Measures. Regular and Chaotic Dynamics, 2022, 27, 424-442 https://doi.org/10.1134/S1560354722040037	M22
5	Dragović, Vladimir ; Gajić, Borislav ; Jovanović, Božidar. Demchenko's nonholonomic case of a gyroscopic ball rolling without sliding over a sphere after his 1923 Belgrade doctoral thesis. Theoretical and Applied Mechanics, 2020, 47(2); 257-287 https://doi.org/10.2298/TAM201106015D	M24
6	Gajić, Borislav ; Jovanović, Božidar. Nonholonomic connections, time reparametrizations, and integrability of the rolling ball over a sphere. Nonlinearity, 2019, 32(5); 1675-1694 DOI 10.1088/1361-6544/aafcdd	M21
7	Dragović, Vladimir ; Gajić, Borislav ; Jovanović, Božidar. Note on free symmetric rigid body motion. Regular and Chaotic Dynamics, 2015, 20(3); 293-308 https://doi.org/10.1134/S1560354715030065	M22
8	Dragović, Vladimir ; Gajić, Borislav. Four-dimensional generalization of the Grioli precession. Regular and Chaotic Dynamics, 2014, 19(6); 656-662 https://doi.org/10.1134/S1560354714060045	M22
9.	V. Dragovic, B.G.: *An L-A pair for the Hess-Apel'rot system and a new integrable case for the Euler-Poisson equations on so(4) x so (4), Royal Society of Edinburgh - Proceedings A; 131(4); 845-855, 2001*	M22
10.	V. Dragovic, B.G., B.Jovanovic: *Generalizations of classical integrable nonholonomic rigid body systems, Journal of Physics A: Mathematical and General; 31(49); 9861-9869, 1998*	M21

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	81	
Total number of papers from the SCI (SSCI) list	13	
Current participation in projects	Domestic : 1	International :
Specializations	2004, ESI, Vienna, Austria	
Other relevant information:		

Name and surname		Bozidar Jovanovic		
Position		Research Professor		
Scientific Field		Theoretical Mechanics, Integrable Systems, Differential Geometry		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Research Professor	2010	МИСАНУ	Mathematics and Mechanics	
PhD	2000	Faculty of Mathematics, University of Belgrade	Mechanics	Mechanics
Magisterium	1996	MF UB	Mathematics	Differential Geometry
BSc	1992, 1996	MF UB	Mathematics, Astronomy	Theoretical Mathematics, Astrophysics

Courses

NO	**Code**	**Name of the subject**
		Symlectic geometry and analytical mechanics
		Lie groups and algebras
		Introduction to Riemannian Surfaces and Algebraic Curves
		Riemannian manifolds

Selected references (between 10 and 20)

1	Dragović, Vladimir ; Gajić, Borislav ; Jovanović, Božidar. Spherical and Planar Ball Bearings — a Study of Integrable Cases. Regular and Chaotic Dynamics, 2023, 28(1); 62-77 https://doi.org/10.1134/S1560354723010057	M22
2	Jovanović, Božidar. Affine Geometry and Relativity. Foundations of Physics, 2023, 53; 60 https://doi.org/10.1007/s10701-023-00700-2	M22
3	Dragović, Vladimir ; Gajić, Borislav ; Jovanović, Božidar. Gyroscopic Chaplygin Systems and Integrable Magnetic Flows on Spheres. Journal of Nonlinear Science, 2023, 33(3); 43 https://doi.org/10.1007/s00332-023-09901-5	M21a
4	Jovanović, Božidar ; Lukić, Katarina. Integrable systems in cosymplectic geometry. Journal of Physics A: Mathematical and Theoretical, 2023, 56; 015201 DOI 10.1088/1751-8121/acafb4	M21
5	Dragović, Vladimir ; Gajić, Borislav ; Jovanović, Božidar. Spherical and Planar Ball Bearings — Nonholonomic Systems with Invariant Measures. Regular and Chaotic Dynamics, 2022, 27, 424-442 https://doi.org/10.1134/S1560354722040037	M22
6	Fedorov, Yuri; Jovanović, Božidar. Continuous and discrete neumann systems on stiefel varieties as matrix generalizations of the jacobi-mumford systems. Discrete and Continuous Dynamical Systems- Series A, 2021, 41(6); 2559-2599 Doi: 10.3934/dcds.2020375	M21
7	Jovanović, Božidar ; Fedorov, Yuri N. Discrete Geodesic Flows on Stiefel Manifolds. Proceedings of the Steklov Institute of Mathematics, 2020, 310; 163-174 https://doi.org/10.1134/S0081543820050132	M22
8	Dragović, Vladimir ; Gajić, Borislav ; Jovanović, Božidar. Demchenko's nonholonomic case of a gyroscopic ball rolling without sliding over a sphere after his 1923 Belgrade doctoral thesis. Theoretical and Applied Mechanics, 2020, 47(2); 257-287 https://doi.org/10.2298/TAM201106015D	M24
9	Gajić, Borislav ; Jovanović, Božidar. Nonholonomic connections, time reparametrizations, and integrability of the rolling ball over a sphere. Nonlinearity, 2019, 32(5); 1675-1694 DOI 10.1088/1361-6544/aafcdd	M21
10	Jovanović, Božidar. Note on a ball rolling over a sphere: Integrable Chaplygin system with an invariant measure without Chaplygin hamiltonization. Theoretical and Applied Mechanics, 2019, 46(1); 97-108 https://doi.org/10.2298/TAM190322003J	M24

Cumulative information about teachers scientific, art or vocational activity

Citation without self-citation	305 (Scopus, 14.01.2022)	
The number of SCI publications	46	
Current project	Science found of Serbia	MEGIC
Visitings	1999 - 2000, MGU, Moscow, Russia; 2000 - 2002, LMU, Muenchen, Germany	

Head of Department of Mechanics of MISANU; 6 publications in Serbian scientific journals (4 Theoretical and Applied Mechanics, 2 Publications de l'Institut Mathematique).

Maximal lenght cannot be more that one A4 page

Name and surname		**Branimir T. Todorović**		
Title		Associate Professor		
Narrow scientific area		Computer science		
Carrier path	Year	Institution	Scientific area	Narrow scientific or artistic field
Associate Professor	2017	Faculty of science and mathematics, Nis	Computer science	Computer science
PhD	2005	Faculty of Electrical Engineering in Belgrade	Electrical Engineering	Computer science and informatics
MSc	2000	Faculty of Electronics in Nis	Electrical Engineering	Computer science and informatics
BSc	1991	Faculty of Electronics in Nis	Electrical Engineering	Computer science and informatics

List of courses that the teacher holds in doctoral studies

NO	**Label**	**Course**
1.		Artificial Neural Networks

The most significant works in accordance with the requirements of the supplementary conditions of the standard for a given field (minimum 10 not more than 20)

1.	V. Ilić, M. Stanković, B. Todorović, Entropy message passing, IEEE TRANSACTIONS ON INFORMATION THEORY 57 (1) (2011), 375–380. [https://doi.org/10.1109/TIT.2010.2090235]	M21a
2.	S. Trajković, B. Todorović, M. Stanković, Closure to "Forecasting of reference evapotranspiration by artificial neural networks" by S. Trajkovic, B. Todorovic, and M. Stankovic, JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING 131 (4) (2005), 391–392. [https://doi.org/10.1061/(ASCE)0733-9437(2003)129:6(454)]	M21a
3.	N. Stevanović, B. Todorović, V. Todorović, Web attack detection based on traps, APPLIED INTELLIGENCE (2022), [https://doi.org/10.1007/s10489-021-03077-9]	M21
4.	A. Trokicić, B. Todorović, Constrained spectral clustering via multi-layer graph embeddings on a grassmann manifold, INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE 29 (1) (2019) 125–1371 [https://doi.org/10.2478/amcs-2019-0010]	M21
5.	D. Mančev, B. Todorović, A primal sub-gradient method for structured classification with the averaged sum loss, INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE 24 (4) (2014) 917–930 [https://doi.org/10.2478/amcs-2014-0067]	M21
6.	S. Trajković, B. Todorović, M. Stanković, Forecasting of reference evapotranspiration by artificial neural networks, JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING 129 (6) (2003), 454–457. [https://doi.org/10.1061/(ASCE)0733-9437(2003)129:6(454)]	M21
7.	A. Trokicić, B. Todorović, On expected error of randomized Nyström kernel regression, FILOMAT 34(11) (2020) 3871–3884 [https://doi.org/10.2298/FIL2011871T]	M22
8.	V. Ilić, D. Mančev, B. Todorović, M. Stanković, Gradient computation in linear-chain conditional random fields using the entropy message passing algorithm, PATTERN RECOGNITION LETTERS 33 (13) (2012) 1776–1784. [https://doi.org/10.1016/j.patrec.2012.05.017]	M22
9.	M. Protić, M. Stanković, D. Mitić, B. Todorović, Application of fractional calculus in ground heat flux estimation, THERMAL SCIENCE 16 (2) (2012) 373–384. [https://doi.org/10.2298/TSCI110131075P]	M22
10.	D. Mančev, B. Todorović, k-best max-margin approaches for sequence labeling, COMPUTER SCIENCE AND INFORMATION SYSTEMS 12 (2) (2015) 465–486. [https://doi.org/10.2298/CSIS140713014M]	M23

Data on teacher's scientific activity

Total number of citations, without autocitations	177	
Total number of papers SCI (или SSCI) листе	18	
Currently participating in projects	Domestic ::1	International :
Training		
Other informations		

Name and surname		Danijela Rajter -Ćirić		
Title		Full professor		
Scientific Field		Mathematical Analysis and Probability		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2012.	Faculty of Sciences, Novi Sad	Mathematics	Mathematical Analysis and Probability
PhD	2002.	Faculty of Sciences, Novi Sad	Mathematics	Mathematical Analysis and Probability
MSc	1999.	Faculty of Sciences, Novi Sad	Mathematics	
Master Degree	1996.	Faculty of Sciences, Novi Sad	Mathematics	

BSc

NO	**Code**	**Name of the subject**
1		Probability Theory
2		Generalized stochastic processes

Representative references (minimum 10, maximum 20)

1	Japundžić, Miloš; Rajter-Ćirić, Danijela. A nonlinear stochastic heat equation with variable thermal conductivity and multiplicative noise, Journal of Pseudo-Differential Operators and Applications, 2022, 13(2), 1762-1782. DOI 10.1007/s11868-022-00453-y	M22
2	Japundžić, Miloš; Rajter-Ćirić, Danijela. Fractional Nonlinear Stochastic Heat Equation with Variable Thermal Conductivity, Fractional Calculus and Applied Analysis, 2020, 23(6), 1762-1782. DOI 10.1515/fca-2020-0087	M21a
3	Japundžić, Miloš; Rajter-Ćirić, Danijela. Approximate solutions of time and time-space fractional wave equations with variable coefficients, Applicable Analysis, 2018, 97(9), 1565-1590. DOI 10.1080/00036811.2017.1322198	M22
4	Japundžić, Miloš; Rajter-Ćirić, Danijela. Generalized uniformly continuous solution operators and inhomogeneous fractional evolution equations with variable coefficients, Electronic Journal of Differential Equations, 2017, 2017(293), 1-24. URL: http://ejde.math.txstate.edu	M21
5	Japundžić, Miloš; Rajter-Ćirić, Danijela. Reaction-Advection-Diffusion Equations with Space Fractional Derivatives and Variable Coefficients on Infinite Domain, Fractional Calculus and Applied Analysis, 2015, 18(4), 911-950. DOI 10.1515/fca-2015-0055	M21a
6	Atanacković, Teodor; Nedeljkov, Marko; Pilipović, Stevan; Rajter-Ćirić, Danijela. Dynamics of a Fractional Derivative Type of a Viscoelastic Rod with Random Exication, Fractional Calculus and Applied Analysis, 2015, 18(5), 1232-1251.DOI 10.1515/fca-2015-0071	M21a
7	Rajter-Ćirić, Danijela; Stojanović, Mirjana. Fractional derivatives of multidimensional Colombeau generalized stochastic processes, Fractional Calculus and Applied Analysis, 2013, 16(4), 949-961. DOI 10.2478/s13540-013-0058-z	M21a
8	Rajter -Ćirić, D., Fractional derivatives of Colombeau generalized stochastic processes defined on R+, *Appl. Anal. Discrete Math.* 5, 283-297, 2011.	M21
9	Rajter-Ćirić, D., Stojanović M., Convolution type derivatives and transforms of Colombeau generalized stochastic processes, *Integral transforms and special functions*, 22, 319-326, 2011.	M21
10	Nedeljkov, M., Rajter-Ćirić, D., Generalized uniformly continuous semigroups and semilinear hyperbolic systems with regularized derivatives, *Monatsh.Math.* 160, 81-93, 2010.	M22

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	35	
Total number of papers from the SCI (SSCI) list	15	
Current participation in projects	Domestic : 1	International : 1
Specializations	University of Innsbruck	
Other relevant information:		

Name and surname		Diana Dolićanin Đekić		
Title		Full professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2019.	University of Priština, Faculty of Technical Sciences, Kosovska Mitrovica	Mathematical Sciences	Mathematics
PhD	2009.	University of Novi Sad, Faculty of Sciences and Mathematics	Mathematical Sciences	Mathematics
MSc	2006.	University of Niš, Faculty of Electronic Engineering	Mathematical Sciences	Mathematics
Master Degree	2002.	University of Priština, Faculty of Sciences and Mathematics	Mathematical Sciences	Mathematics
NO		**Code**	**Name of the subject**	
1.			Integral transform	

Representative references (minimum 10, maximum 20)

1.	Atanackovic, Teodor; Dolicanin Djekic, Diana; Gilic, Ersin.; Kacapor, Enes. On a Generalized Wave Equation with Fractional Dissipation in Non-Local Elasticity. *Mathematics* **2023**, *11*, 3850. https://doi.org/10.3390/math11183850	M21a
2.	Murthy Penumarthy, Parvateesam; Dolicanin-Djekic, Diana; Patel Uma Devi Sahu Pusplata. Best proximity point for generalized proximal contraction in a complete metric space. Filomat, 2023, 37(16), 5181-5193. https://doi.org/10.2298/FIL2316181M	M22
3	Dočicanin-Djekic, Diana; Gilic, Ersin. Characterisations of bounded linear and compact operators on the generalised Hahn space. Filomat, 2022, 36(2), 497-505. https://doi.org/10.2298/FIL2202497D	M22
4	Fernandez, Jerolina; Malviya, Neeraj; Dolicanin-Djekic, Diana; Pucic, Dzenis. The p(b)-Cone Metric Spaces Over Banach Algebra With Applications. Filomat, 2020, 34(3), 983-998. https://doi.org/10.2298/FIL2003983F	M22
5	Gilić, Ersin; Dolićanin-Đekić, Diana; Mitrović, Zoran; Pučić, Dzenis; Aydi, Hassen. On Some Recent Results Concerning F-Suzuki-Contractions in b-Metric Spaces. Mathematics, 2020, 8(6), 940. https://doi.org/10.3390/math8060940	M21a
6	Arcet Barbara Dolicanin-Djekic Diana C Macesic Stevan R Romanovski Valery G. Limit Cycles in the Model of Hypothalamic-Pituitary-Adrenal Axis Activity. MATCH-COMMUNICATIONS IN MATHEMATICAL AND IN COMPUTER CHEMISTRY, 2020, 83(2), 331-343. https://match.pmf.kg.ac.rs/electronic_versions/Match83/n2/match83n2_331-343.pdf	M22
7	Dolicanin-Djekic, Diana. Higher-Order Strong Isochronism of Cauchy-Riemann Systems with Holomorphic Perturbations of a Linear Center. DIFFERENTIAL EQUATIONS, 2020, 56(2), 185-189. https://doi.org/10.1134/S0012266120020044	M23
8	Dolićanin-Đekić, Diana. On a New Class of Constitutive Equations for Linear Viscoelastic Body. FCAA 2017, 20 521–536. https://doi.org/10.1515/fca-2017-0027	M21a
9	Zhou, Mi; Liu, Xiao-lan; Dolicanin-Djekic, Diana; Damjanovic, Bosko. Coupled coincidence point results for Geraghty-type contraction by using monotone property in partially ordered S-metric spaces. JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, 2016, 9(12), 5950-5969. http://dx.doi.org/10.22436/jnsa.009.12.04	M21
10	Huang, Huaping; Dolicanin-Djekic, Diana; Deng, Guantie. On some recent fixed point results for (psi, phi)-contractive mappings in ordered partial b-metric spaces. JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, 2016, 9(7), 4990-4999. http://dx.doi.org/10.22436/jnsa.009.07.03	M21a

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	150	
Total number of papers from the SCI (SSCI) list	27	
Current participation in projects	Domestic : 2	International :
Specializations		
Other relevant information : h-Index=11, citations 295. Mentorship of over 20 master theses and 3 PhDs.		

Name and surname		Dijana Mosić		
Title		Full professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2017.	Faculty of Sciences and Mathematics, University of Niš		Mathematics
PhD	2009.	Faculty of Sciences and Mathematics, University of Niš		Mathematics
MSc	2007.	Faculty of Sciences and Mathematics, University of Niš		Mathematics
BSc	2004.	Faculty of Sciences and Mathematics, University of Niš		Mathematics

NO	**Code**	**Name of the subject**
1		Generalized Inverses

Representative references (minimum 10, maximum 20)

1	Mosić, Dijana, Stanimirović, Predrag S, Mourtas, Spyridon D, Minimal Rank Properties of Outer Inverses with Prescribed Range and Null Space, MATHEMATICS 11 (7) (2023) 1732-1732. DOI 10.3390/math11071732	M21a
2	Mosić, Dijana, Zhang, Daochang, New Representations and Properties of the m-Weak Group Inverse, RESULTS IN MATHEMATICS 78 (2023) 3. DOI 10.1007/s00025-023-01878-7	M21a
3	Mosić, Dijana, Stanimirović, Predrag S, Expressions and properties of weak core inverse, APPLIED MATHEMATICS AND COMPUTATION 415 (2022) 126704-126704. DOI 10.1016/j.amc.2021.126704	M21a
4	Mosić, Dijana, Stanimirović, Predrag S, Zhang, Daochang, Extensions of generalized core-EP inverse, REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS 116 (2022) 3. DOI 10.1007/s13398-022-01267-9	M21a
5	Zhang, Daochang, Mosić, Dijana, Chen, Liangyun, On the Drazin inverse of anti-triangular block matrices, ELECTRONIC RESEARCH ARCHIVE 30 (7) (2022) 2428-2445, DOI 10.3934/era.2022124	M21
6	Mosić, Dijana, Outer-star and star-outer matrices, JOURNAL OF APPLIED MATHEMATICS AND COMPUTING 68 (1) (2022) 511-534. DOI 10.1007/s12190-021-01544-7	M21a
7	Mosić, Dijana, Stanimirović, Predrag S, Katsikis, Vasilios N, Properties of the CMP inverse and its computation, COMPUTATIONAL & APPLIED MATHEMATICS 41 (2022) 4. 10.1007/s40314-022-01847-w	M21
8	Mosić, Dijana, Wang, Long, Left and right G-outer inverses, Linear and Multilinear Algebra 70 (17) (2022) 3319-3344. DOI 10.1080/03081087.2020.1837062	M21
9	Mosić, Dijana, Stanimirović, Predrag S, Katsikis, Vasilios N, Weighted composite outer inverses, APPLIED MATHEMATICS AND COMPUTATION 411 (2021) 126493-126493. DOI 10.1016/j.amc.2021.126493	M21a
10	Mosić, Dijana, Dolinar, Gregor, Marovt, Janko, EP-quasinilpotent decomposition and its generalizations, REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS 115 (2021) 4. DOI 10.1007/s13398-021-01083-7.	M21a

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	381	
Total number of papers from the SCI (SSCI) list	153	
Current participation in projects	Domestic : 1	International : 1
Specializations	State University of Campinas, SP, Brasil; University of Florence, Italy; Universidade Nova de Lisboa	
Other relevant information :		

Name and surname	Đorđe Baralić			
Title	Research Associate Professor			
Scientific Field	Mathematics, topology			
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Research Associate Professor	2020.	Mathematical Institute SANU	Mathematics	Topology
PhD	2013.	Faculty of Mathematics, Belgrade	Mathematics	Topology
Master Degree	2008.	Faculty of Sciences, Kragujevac	Mathematics	Geometry

BSc

NO	**Code**	**Name of the subject**
1.		Algebraic topology
2.		Toric topology
3.		Theory of polytopes

Representative references (minimum 10, maximum 20)

1	Baralić, Đorđe ; Vavpetič, Aleš; Vučić, Aleksandar. Universal Complexes in Toric Topology. Results in Mathematics, 2023, 78, 218. https://doi.org/10.1007/s00025-023-01995-3	M21a
2	Baralić, Đorđe ; Milenković, Lazar. The Magic Permutohedron. Mathematical Intelligencer. 2023. https://doi.org/10.1007/s00283-023-10287-1	M23
3	Baralić, Đorđe ; Milenković, Lazar. Small Covers and Quasitoric Manifolds over Neighborly Polytopes. Mediterranean Journal of Mathematics, 2022, 19(2); 87. https://doi.org/10.1007/s00009-022-01989-5	M21
4	Lidan, Edin; Baralić, Đorđe. HOMOLOGY OF POLYOMINO TILINGS ON FLAT SURFACES. Applicable Analysis and Discrete Mathematics, 2022, 16(1), 1-22. https://doi.org/10.2298/AADM210307031L	M22
5	Baralić, Đorđe. Geometric Foundations of Design: Old and New. The Mathematical Intelligencer, 2022. https://doi.org/10.1007/s00283-022-10246-2	M22
6	Baralić, Đorđe ; Limić, Vlada. The law of large numbers for the bigraded Betti numbers of a random simplicial complex. Russian Mathematical Surveys, 2021, 76(1); 186-189 https://doi.org/10.1070/rm9936	M21a
7	Baralić, Đorđe ; Limić, Vlada. Закон больших чисел для биградуированных чисел Бетти случайного симплициального комплекса. Russian Mathematical Surveys, 2021, 76(1(457)); 197-198 https://doi.org/10.4213/rm9936	M21a
8	Baralić, Đorđe ; Curien, Pierre Louis; Milićević, Marina; Obradović, Jovana ; Petrić, Zoran ; Zekić, Mladen ; Živaljević, Rade. Proofs and surfaces. Annals of Pure and Applied Logic, 2020, 171(9); 102845 https://doi.org/10.1016/j.apal.2020.102845	M21
9	Baralić, Đorđe ; Grbić, Jelena; Limochenko, Ivan; Vučić, Aleksandar. Toric Objects Associated with the Dodecahedron. Filomat, 2020, 34(7); 2329-2356 https://doi.org/10.2298/FIL2007329B	M22
10	Baralić, Đorđe ; Ivanović, Jelena; Petrić, Zoran. A simple permutoassociahedron. Discrete Mathematics, 2019, 342(12), 111591. https://doi.org/10.1016/j.disc.2019.07.007	M22

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	26	
Total number of papers from the SCI (SSCI) list	18	
Current participation in projects	Domestic :	**International :**
Specializations	Vietnamese Institute for Advanced Studies in Mathematics 2017, Institute for Mathematical Sciences, National University of Singapore, 2015	

Name and surname		Dora Seleši		
Title		Full Professor		
Scientific Field		Analysis and Probability		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2017.	Faculty of Sciences, Novi Sad	Mathematics	Analysis and Probability
PhD	2007.	Faculty of Sciences, Novi Sad	Mathematics	Analysis and Probability
MSc	2004.	Faculty of Sciences, Novi Sad	Mathematics	Analysis and Probability
Master Degree	2000.	Faculty of Sciences, Novi Sad	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
1		Generalized Stochastic Processes
2		Singular Stochastic Partial Differential Equations

Representative references (minimum 10, maximum 20)

1.	Atanacković, Teodor; Pilipović, Stevan; Seleši, Dora. Stochastic Zener model with complex order fractional derivatives. Mathematics and Mechanics of Solids, 2023, 28(2), pp. 413–445, DOI: 10.1177/10812865221080736	M21
2.	Coriasco, Sandro; Pilipović, Stevan, Seleši, Dora. Solutions of hyperbolic stochastic PDEs on bounded and unbounded domains. Journal of Fourier Analysis and Applications, 2021, 27(77), 42 pages. https://doi.org/10.1007/s00041-021-09858-7	M22
3.	Atanacković, Teodor; Janev, Marko; Pilipović, Stevan; Seleši, Dora. Viscoelasticity of fractional order: New restrictions on constitutive equations with applications. International Journal of Structural Stability and Dynamics, 2020, 20(13), 2041011:1 – 20, DOI: 10.1142/S0219455420410114	M22
4.	Atanacković, Teodor; Pilipović, Stevan; Seleši, Dora. Wave propagation dynamics in a fractional Zener model with stochastic excitation. Fractional Calculus & Applied Analysis, 2020, 23(6), pp. 1570-1604, DOI: 10.1515/fca-2020-0079	M21a
5.	Gordić, Snežana; Oberguggenberger, Michael; Pilipović, Stevan; Seleši, Dora. Point values and probabilistic properties of generalized stochastic processes in algebras of generalized functions: independence, stationarity and SPDEs. Journal of Mathematical Analysis and Applications, 2019, 475(2), pp. 1196-1214, https://doi.org/10.1016/j.jmaa.2018.11.088	M21
6.	Levajković, Tijana; Pilipović, Stevan; Seleši, Dora; Žigić, Milica. Stochastic evolution equations with Wick-polynomial nonlinearities, Electron. J. Probab., 2018, 23(116), 25 pp., https://doi.org/10.1214/18-EJP241	M22
7.	Krivokapić, Branislav; Blagojević, Zoran; Seleši, Dora; Atanacković, Teodor; Pilipović, Stevan; Baščarević, Zoran; Stevanović, Vladan. A Method for Prediction of Femoral Component of Hip Prosthesis Durability due to Aseptic Loosening by Using Coffin/Manson Fatigue Model. BioMed Research International, 2018, Volume 2018, Article ID 9263134, 13 pages, https://doi.org/10.1155/2018/9263134	M22
8.	Gordić, Snežana; Oberguggenberger, Michael; Pilipović, Stevan; Seleši, Dora. Probabilistic properties of generalized stochastic processes in algebras of generalized functions. Monatshefte für Mathematik, 2018, 186 (4), pp. 609-633, DOI 10.1007/s00605-017-1109-z	M22
9.	Levajković, Tijana; Seleši, Dora. Malliavin calculus for generalized and test stochastic processes. Filomat, 2017, 31(13), pp. 4231–4259, https://doi.org/10.2298/FIL1713231L	M22
10	Levajković, Tijana; Pilipović, Stevan; Seleši, Dora; Žigić, Milica. Stochastic evolution equations with multiplicative noise, Electron. J. Probab., 2015, 20(19), 23 pp., DOI: 10.1214/EJP.v20-3696	M22

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	122 (Scopus)	
Total number of papers from the SCI (SSCI) list	22	
Current participation in projects	Domestic : 1	International : 1
Specializations	Institut für Technische Mathematik, Geometrie und Bauinformatik, Innsbruck, 2005. Brown University, Division of Applied Mathematics, Providence, USA, 2009.	
Other relevant information:		

Name and surname		Dragan S. Djordjević		
Title		**Full professor**		
Scientific Field		**mathematics**		
Academic Career	Year	Institution	Scientific Field	A narrow scientific field
Full Professor	28.6.2006.	University of Niš, Faculty of Sciences and Mathematics	Mathematics	Mathematics
PhD	3.12.1998.	University of Niš, Faculty of Philosophy	Mathematics	Mathematics
MSc	30.5.1996.	University of Niš, Faculty of Philosophy	Mathematics	Mathematics
Master Degree	12.2.1992.	University of Niš, Faculty of Philosophy	Mathematics	Mathematics

NO	Code	Name of the subject
1	MA1	Functional analysis (PhD School of Mathematics)
2	MA28	Operator algebras and Hilbert modules (PhD School of Mathematics)

Representative references (minimum 10, maximum 20)

1	Djordjević Dragan S. Frechet Derivative and Analytic Functional Calculus. BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, 2020, 43(2), 1205-1212. https://doi.org/10.1007/s40840-019-00736-6	M22
2	Mosić Dijana V, Djordjević Dragan S. The gDMP inverse of Hilbert space operators. JOURNAL OF SPECTRAL THEORY, 2018, 8(2), 555-573. DOI 10.4171/JST/207	M21
3	Mosić Dijana V, Djordjević Dragan S. Block representations of the generalized Drazin inverse. APPLIED MATHEMATICS AND COMPUTATION, 2018, 331, 200-209.https://doi.org/10.1016/j.amc.2018.03.027	M21A
4	Ljubenović Martin Z, Djordjević Dragan S. Weak supermajorization and families as doubly superstochastic operators on l(P)(I). LINEAR ALGEBRA AND ITS APPLICATIONS, 2017, 532, 312-346. https://doi.org/10.1016/j.laa.2017.06.046	M21
5	Ljubenović Martin Z, Djordjević Dragan S. Linear preservers of weak majorization on l(1)(I)(+), when I is an infinite set. LINEAR ALGEBRA AND ITS APPLICATIONS, 2017, 517, 177-198. https://doi.org/10.1016/j.laa.2016.12.012	M21
6	Karizaki Mehdi Mohammadzadeh, Djordjević Dragan S. Commuting C* modular operators. Aequationes Mathematicae, 2016, 90(6), 1103-1114. https://doi.org/10.1007/s00010-016-0424-0	M22
7	Djikić Marko S, Djordjević Dragan S. Coherent and precoherent elements in Rickart *-rings. LINEAR ALGEBRA AND ITS APPLICATIONS, 2016, 509, 64-81. https://doi.org/10.1016/j.laa.2016.07.021	M21
8	Ljubenović Martin Z, Djordjević Dragan S. Linear preservers of weak majorization on l(p)(I)(+), when p is an element of (1, infinity). LINEAR ALGEBRA AND ITS APPLICATIONS, 2016, 497, 181-198. https://doi.org/10.1016/j.laa.2016.02.031	M21
9	Mosić Dijana V, Djordjević Dragan S. Weighted pre-orders involving the generalized Drazin inverse. APPLIED MATHEMATICS AND COMPUTATION, 2015, 270, 496-504. https://doi.org/10.1016/j.amc.2015.08.050	M21
10	Živković-Zlatanović Snežana C, Cvetković Miloš D, Djordjević Dragan S. On Closed Upper and Lower Semi-Browder Operators. MEDITERRANEAN JOURNAL OF MATHEMATICS, 2015, 12(3), 1033-1045. https://doi.org/10.1007/s00009-014-0457-3	M21

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations:	**1400**	
Total number of papers from the SCI (SSCI) list:	**110**	
Current participation in projects	Domestic : **1**	International :
Specializations	**National University of Seoul, R. Korea, 2005.** **National University of Seoul, R. Korea, 2008.**	
Other relevant information : *h*-**index = 21; supervised PhD theses: 10**		

Name and surname		Dragan Rakić		
Title		Assistant professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Assistant Professor	2018.	Mechanical Engineering Facultu, Niš	Mathematics and Informatics	Mathematics and Informatics
PhD	2015.	Faculty of Science in Niš	Mathematics	Functional Anlayssi
Master Degree	2018.	Faculty of Science in Niš	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
1.		Partial ordering and stochastic operators

Representative references (minimum 10, maximum 20)

1	Rakić, Dragan; Ljubenović, Martin. 1MP and MP1 inverses and one-sided star orders in a ring with involution. Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas, 117, (2023), 13. https://doi.org/10.1007/s13398-022-01348-9	M21a
2	Ljubenović, Martin; Rakić, Dragan. Submajorization on $l^p(I)^+$ determined by increasable doubly substochastic operators and its linear preservers. Banach Journal of Mathematical Analysis, 15, 60 (2021). https://doi.org/10.1007/s43037-021-00143-9	M21
3	Ljubenović, Martin; Rakić, Dragan; Đorđević, Dragan. Linear preservers of DSS-weak majorization on discrete Lebesgue space $l^1(I)$ when I is an infinite set. Linear and Multilinear algebra, 69 (14) (2021), 2657-2673. https://doi.org/10.1080/03081087.2019.1691970	M21
4	Rakić, Dragan. A note on Rao and Mitra's constrained inverse and Drazin's (b,c) inverse. Linear Algebra and its Applications, 523 (2017), 102-108. https://doi.org/10.1016/j.laa.2017.02.025	M21
5	Rakić, Dragan; Djordjević, Dragan. Partial orders in rings based on generalized inverses - unified theory. Linear Algebra and its Applications, 471 (2015), 203-223. https://doi.org/10.1016/j.laa.2015.01.004	M21
6	Rakić, Dragan; Djordjević, Dragan. Star, sharp, core and dual core partial order in rings with involution. Applied Mathematics and Computation, 259 (2015), 800-818. https://doi.org/10.1016/j.amc.2015.02.062	M21
7	Rakić, Dragan. Generalization of sharp and core partial order using annihilators. Banach Journal of Mathematical Analysis, 9 (3) (2015), 228-242. https://doi.org/10.15352/bjma/09-3-16	M21
8	Marovt, Janko; Rakić, Dragan; Djordjević, Dragan. Star, left-star, and right-star partial orders in Rickart *-rings. Linear and Multilinear Algebra, 63 (2) (2015), 343-365. https://doi.org/10.1080/03081087.2013.866670	M21
9	Rakić, Dragan; Dinčić, Nebojša; Djordjević, Dragan. Core inverse and core partial order of Hilbert space operators. Applied Mathematics and Computation, 244 (2014), 283-302.https://doi.org/10.1016/j.amc.2014.06.112	M21
10	Rakić, Dragan; Dinčić, Nebojša; Djordjević, Dragan. Group, Moore-Penrose, core and dual core inverse in rings with involution. Linear Algebra and Its Applications, 463 (2014), 115-133. https://doi.org/10.1016/j.laa.2014.09.003	M21

Збирни подаци научне активности наставника

Total number of citations without selfcitations	236	
Total number of papers from the SCI (SSCI) list	26	
Current participation in projects	Domestic : 0	International : 0
Specializations		
Other relevant information:		

Full name		Dusan Jakovetic			
Title		Associate Professor			
A narrow scientific field		Mathematical modeling			
Academic Career	Year	**Academic Career**	Year	**Academic Career**	
Associate Professor title	2020.	Associate Professor title	2020.	Associate Professor title	
PhD	2013.	PhD	2013.	PhD	
Diploma (5 years degree)	2007.	Diploma (5 years degree)	2007.	Diploma (5 years degree)	

NO	**Code**	**Name of the subject**
1.		Partial ordering and stochastic operators

Representative references (minimum 10, maximum 20)		
1	Dusan Jakovetic, Dragana Bajovic, Anit Kumar Sahu, Soummya Kar, Nemanja Milosevic, Dusan Stamenkovic: Nonlinear Gradient Mappings and Stochastic Optimization: A General Framework with Applications to Heavy-Tail Noise. SIAM J. Optim. 33(2): 394-423 (2023), https://doi.org/10.1137/21M145896X	M21a
2	Dusan Jakovetic, Manojlo Vukovic, Dragana Bajovic, Anit Kumar Sahu, Soummya Kar: Distributed Recursive Estimation under Heavy-Tail Communication Noise. SIAM J. Control. Optim. 61(3): 1582-1609 (2023), https://doi.org/10.1137/22M1477015	M21
3	Dusan Jakovetic, Natasa Krejic, Natasa Krklec Jerinkic: EFIX: Exact fixed point methods for distributed optimization. J. Glob. Optim. 85(3): 637-661 (2023), https://doi.org/10.1007/s10898-022-01221-4	M21
4	Nemanja Petrovic, Dragana Bajovic, Soummya Kar, Dusan Jakovetic, Anit Kumar Sahu: Large Deviations for Products of Non-Identically Distributed Network Matrices With Applications to Communication-Efficient Distributed Learning and Inference. IEEE Trans. Signal Process. 71: 1319-1333 (2023), DOI: 10.1109/TSP.2023.3263254	M21
5	Milos Savic, Jasna Atanasijevic, Dusan Jakovetic, Natasa Krejic: Tax evasion risk management using a Hybrid Unsupervised Outlier Detection method. Expert Syst. Appl. 193: 116409 (2022), https://doi.org/10.1016/j.eswa.2021.116409	M21
6	Dusan Jakovetic, Natasa Krejic, Natasa Krklec Jerinkic: A Hessian Inversion-Free Exact Second Order Method for Distributed Consensus Optimization. IEEE Trans. Signal Inf. Process. over Networks 8: 755-770 (2022), DOI: 10.1109/TSIPN.2022.3203860	M21
7	Dusan Jakovetic, Natasa Krejic, Natasa Krklec Jerinkic, Greta Malaspina, Alessandra Micheletti: Distributed fixed point method for solving systems of linear algebraic equations. Autom. 134: 109924 (2021), https://doi.org/10.1016/j.automatica.2021.109924	M21
8	Dusan Jakovetic, Dragana Bajovic, João Xavier, José M. F. Moura: Primal-Dual Methods for Large-Scale and Distributed Convex Optimization and Data Analytics. Proc. IEEE 108(11): 1923-1938 (2020), DOI: 10.1109/JPROC.2020.3007395	M21a
9	Natasa Krklec Jerinkic, Dusan Jakovetic, Natasa Krejic, Dragana Bajovic: Distributed Second-Order Methods With Increasing Number of Working Nodes. IEEE Trans. Autom. Control. 65(2): 846-853 (2020), DOI: 10.1109/TAC.2019.2922191	M21
10	Dusan Jakovetic, Natasa Krejic, Natasa Krklec Jerinkic: Exact spectral-like gradient method for distributed optimization. Comput. Optim. Appl. 74(3): 703-728 (2019), https://doi.org/10.1007/s10589-019-00131-8	M21

Збирни подаци научне активност наставника		
Укупан број цитата, без аутоцитата	960	
Укупан број радова са SCI (или SSCI) листе	25	
Тренутно учешће на пројектима	Домаћи 2	Међународни 5
Усавршавања	University of Strathclyde, Glasgow, UK; University of Ghent, Belgium, June 2015	

Name and surname		Emilija Nešović		
Title		full professor		
Scientific Field		Geometry		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2020	Faculty of Science, University of Kragujevac	Mathematics	Geometry
PhD	2004	Faculty of Science, University of Kragujevac	Mathematics	Geometry
MSc	1998	Faculty of Science, University of Kragujevac	Mathematics	Geometry
Master Degree	1993	Faculty of Science, University of Kragujevac	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
1.		Semi-Riemannian Geometry

Representative references (minimum 10, maximum 20)

1.	Djordjević, Jelena; Nešović, Emilija; Ozturk, Ufuk. On generalized Darboux frame of a spacelike curve lying on a lightlike surface in Minkowski space E^3_1, Turk. J. Math. Vol. 47 (2023) No. 2 883-897. https://doi.org/10.55730/1300-0098.3399	M22
2.	Nešović, Emilija; Ozturk, Ufuk; Koc Ozturk, Esra Betul. On non-null relatively normal slant helices in Minkowski 3-space, Filomat, Vol. 36 (2022) No.6, 2051-2062. https://doi.org/10.2298/FIL2206051N	M22
3.	Djordjević, Jelena; Nešović, Emilija. On the Bishop frame of pseudo null curve in Minkowski space-time, Turk. J. Math. 44 (2020) 870-882. https://doi.org/10.3906/mat-1910-11	M22
4.	Hanif, Muhammad; Hou, Zhong Hua; Nešović,Emilija. On involutes of order k of a null Cartan curve in Minkowski spaces, Filomat 33 (2019), No.8, 2295-2305. https://doi.org/10.2298/FIL1908295H	M22
5.	Öztürk, Ufuk; Nešović, Emilija; Koc Öztürk, Esra Betul. On k-type spacelike slant helices lying on lightlike surfaces, Filomat, 33 (2019), No.9, 2781-2796. https://doi.org/10.2298/FIL1909781O	M22
6.	Ilarslan, Kazim; Nešović, Emilija. On Bishop frame of a null Cartan curve in Minkowski space-time, Int. J. Geom. Meth. Mod. Phys. Vol.15 (2018) No. 8, 1850142, https://doi.org/10.1142/S0219887818501426	M23
7.	Grbović Milica; **Nešović**, Emilija. On the Bishop frames of pseudo null and null Cartan curves in Minkowski 3-space, J. Math. Anal. Appl. Vol. 461 (2018), 219-233. https://doi.org/10.1016/j.jmaa.2018.01.014	M21
8.	Nešović, Emilija; Koc Öztürk, Esra Betul; Öztürk, Ufuk. On k-type null Cartan slant helices in Minkowski 3-space, Mathem. Meth. Appl. Sci. 41 (2018) No.17, 7583-7598. https://doi.org/10.1002/mma.5221	M21
9.	Öztürk, Ufuk; **Nešović**, Emilija; Koc Öztürk, Esra Betul. On T-slant, N-slant and B-slant helices in pseudo-Galilean space, Filomat 32 (2018), No.1, 245-253. https://doi.org/10.2298/FIL1801245O	M22
10.	Öztürk, Ufuk; Koc Öztürk, Esra Betul; **Nešović**, Emilija. On eqiform Darboux helices in Galilean 3-space, Math. Commun. 23 (2018) 145-159. https://hrcak.srce.hr/en/198605	M22

Збирни подаци научне активности наставника		
Total number of citations without selfcitations	236	
Total number of papers from the SCI (SSCI) list	26	
Current participation in projects	Domestic : 0	International : 0
Specializations		
Other relevant information:		

Name and surname		Igor Dolinka		
Title		Full Professor		
Scientific Field		Algebra and Mathematical Logic		
Academic Career	Year	Institution	Област	A Narrow Scientific Field
Full Professor	2008.	Faculty of Sciences, UNS	Mathematics	Algebra and Mathematical Logic
PhD	2000.	Faculty of Sciences, UNS	Mathematics	Algebra and Mathematical Logic
MSc	1999.	Faculty of Sciences, UNS	Mathematics	Algebra and Mathematical Logic
Master Degree	1997.	Faculty of Sciences, UNS	Mathematics	Algebra and Mathematical Logic

NO	**Code**	**Name of the subject**
1.		Semigroup Theory
2.		Group Theory

Representative references (minimum 10, maximum 20)		
1	Product decompositions of semigroups induced by action pairs (with S. Carson, J. East, V. Gould, and R. Zenab). *Dissertationes Mathematicae* Vol. **587** (2023), 1-180. https://doi.org/10.4064/dm871-8-2023	M21a
2	Prefix monoids of groups and right units of special inverse monoids (with R.D. Gray). *Forum of Mathematics, Sigma* Vol. **11** (2023), Article e97, 19 pp. https://doi.org/10.1017/fms.2023.99	M21
3	Free idempotent generated semigroups: The word problem and structure via gain graphs. *Israel Journal of Mathematics* Vol. **245** (2021), 347-387. https://doi.org/10.1007/s11856-021-2214-1	M22
4	New results on the prefix membership problem for one-relator groups (with R.D. Gray). *Transactions of the American Mathematical Society* Vol. **374** (2021), 4309-4358. https://doi.org/10.1090/tran/8338	M21
5	A group-theoretical interpretation of the word problem for free idempotent generated semigroups (with D. Yang and V. Gould). *Advances in Mathematics* Vol. **345** (2019), 998-1041. https://doi.org/10.1016/j.aim.2019.01.037	M21a
6	Enumeration of idempotents in planar diagram monoids (with J. East, A. Evangelou, D. FitzGerald, N. Ham, J. Hyde, N. Loughlin, and J.D. Mitchell). *Journal of Algebra* Vol. **522** (2019), 351-385. https://doi.org/10.1016/j.jalgebra.2018.11.014	M22
7	Universal locally finite maximally homogeneous semigroups and inverse semigroups (with R.D. Gray). *Forum Mathematicum* Vol. **30** (2018), 947-971. https://doi.org/10.1515/forum-2017-0074	M21
8	Twisted Brauer monoids (with J. East). *Proceedings of the Royal Society of Edinburgh, Section A: Mathematics* Vol. **148** (2018), 731-750. https://doi.org/10.1017/S0308210517000282	M21
9	On regularity and the word problem for free idempotent generated semigroups (with R.D. Gray and N. Ruškuc). *Proceedings of the London Mathematical Society* Vol. **114** (2017), 401-432. https://doi.org/10.1112/plms.12011	M21
10	Maximal subgroups of free idempotent generated semigroups over the full linear monoid (with R.D. Gray). *Transactions of the American Mathematical Society* Vol. **366** (2014), 419-455. https://doi.org/10.1090/S0002-9947-2013-05864-3	M21a
11	Matrix identities involving multiplication and transposition (with K. Auinger and M.V. Volkov). *Journal of the European Mathematical Society* Vol. **14** (2012), 937-969. https://doi.org/10.4171/JEMS/323	M21a

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	405 / 272 (Matica srpska, 2021)	
Total number of papers from the SCI (SSCI) list	81	
Current participation in projects	Domestic :	International : 2
Specializations		
Other relevant information:		

Name and surname			**Ivana Z. Mićić**		
Title			Associate professor		
Scientific Field			Computer sciences		
Academic Career		Year	Institution	Scientific Field	A Narrow Scientific Field
Associate Professor		2021	Faculty of Science in Niš	Computer sciences	Computer sciences
PhD		2014	Faculty of Science in Niš	Computer sciences	Computer sciences
Master Degree		2007	Faculty of Science in Niš	Mathematical sciences	Computer sciences
NO	**Code**	**Name of the subject**			
1.	20.ИДИ21	Fuzzy sets and systems			
2.	20.ИДИ31	Algebraic theory of automata and formal languages			
3.	20.ИДИ35	Quantitative automata			
4.		Fuzzy sets and systems			

Representative references (minimum 10, maximum 20)		
1	Nguyen, Linh Anh; Micić, Ivana; Stanimirović, Stefan. Fuzzy Minimax Nets, IEEE Transactions on Fuzzy Systems, 31 (8) (2023) 2799-2808. https://doi.org/ 10.1109/TFUZZ.2023.3237936	M21a
2	Micić, Ivana; Stanimirovic, Stefan; Jančić, Zorana. Approximate positional analysis of fuzzy social networks. Fuzzy Sets and Systems. 454(2023) 149-172. https://doi.org/10.1016/j.fss.2022.05.008.	M21a
3	Micić, Ivana; Nguyen, Linh Anh ;Stanimirovic, Stefan. Characterization and computation of approximate bisimulations for fuzzy automata, Fuzzy sets and systems, 442(2022) 331-350. https://doi.org/10.1016/j.fss.2022.05.003.	M21a
4	Micić, Ivana; Stanimirovic, Stefan,On the solvability of weakly linear systems of fuzzy relation equations, Information Science, 607(2022),670-687, https://doi.org/10.1016/j.ins.2022.05.111	M21a
5	Stanimirovic, Stefan; Micić, Ivana; Ćirić,Miroslav (2021) Approximate Bisimulations for Fuzzy Automata over Complete Heyting Algebras, in IEEE Transactions on Fuzzy Systems, doi: 10.1109/TFUZZ.2020.3039968	M21a
6	Micić, Ivana; Jančić, Zorana; Stanimirović, Stefan. Computation of the greatest right and left invariant fuzzy quasi-orders and fuzzy equivalences. *Fuzzy sets and systems*. 339 (2017) 99-118. https://doi.org/10.1016/j.fss.2017.09.004	M21a
7	Stanković, Ivan; Micić, Ivana; Jančić, Zorana. Computation of the greatest regular equivalence. *Filomat.* 30(1) (2016) 179-190. https://doi.org/10.2298/FIL1601179S	M22
8	Jančić, Zorana; Micić, Ivana; Ignjatović, Jelena; Ćirić, Miroslav. Further improvements of determinization methods for fuzzy finite automata. *Fuzzy Sets and Systems*. 301(2016) 79-102 . https://doi.org/10.1016/j.fss.2015.11.019	M21a
9	Micić, Ivana; Jančić, Zorana; Ignjatović, Jelena; Ćirić, Miroslav. Determinization of fuzzy automata by means of the degrees of language inclusion. *IEEE Transactions on Fuzzy Systems.* 23(6) (2015) 2144-2153. https://doi.org/10.1109/TFUZZ.2015.2404348	M21a
10	Jančić, Ivana (2014). Weak bisimulations for fuzzy automata. Fuzzy sets and systems, 249:49-72. ISSN: 0165-0114 UDC: DOI: 10.1016/j.fss.2013.10.006	M21a
1.	I. Micić, N. Damljanović, Z. Jančić, Authomated method for designing fuzzy systems, FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS 35 (5) (2020), 1357–1368.	M51

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	Web of Science: 116 (109), Scopus: 110 (102)	
Total number of papers from the SCI (SSCI) list	10	
Current participation in projects	Domestic : 2	International :
Specializations		

Name and surname		Ivan P. Stanimirovic		
Title		Associate Professor		
Narrow Scientific Field		Computer science		
Academic career	Year	Institution	Area	Narrow scientific or artistic field
Associate Professor	2019.	Faculty of Science in Nis	Computer science	Computer science
PhD	2013	Faculty of Science in Nis	Computer science	Computer science
BSc	2010	Faculty of Science in Nis	Mathematical sciences	Computer science

List of subjects that the teacher holds in doctoral studies		
R.B.	**Label**	**Name of the subject**
1		Linear programming and optimization

The most significant works in accordance with the requirements of the supplementary conditions of the standard for a given field (minimum 10 not more than 20)		
1	Aldhafeeri, Nahier, Dimitrios Pappas, Ivan P. Stanimirović, and Milan Tasić. 2021. "Representations of Generalized Inverses via Full-Rank QDR Decomposition." Numerical Algorithms 86(3): 1327–37. https://link.springer.com/article/10.1007/s11075-020-00935-4	M21a
2	Ivan P. Stanimirović, "Advances in Optimization and Linear Programming", DOI 10.1201/9781003256052, Taylor and Francis, Apple Academic Press, 2021.	M12
3	Velimirović, Nikola et al. 2020. "Economical Design of Timber-Concrete Composite Beams." Wood Research 65(3): 507–20. 10.37763/wr.1336-4561/65.3.507520	M22
4	Ivan P. Stanimirović, 2019, Determining Solutions of Fuzzy Cellular Neural Networks with Fluctuating Delays, 10.22190/fumi1901057s	M51
5	D. Pappas, V. N. Katsikis, Ivan P. Stanimirović, 2018, 'Symbolic computation of the Duggal transform', Journal of Linear and Topological Algebra (JLTA), 07(01), pp. 53-62, *doi*:10.1007/s00009-017-1020-9	M22
6	Pappas, Dimitrios, V. N. Katsikis, and Ivan P. Stanimirović. 2017. "Symbolic Computation of the Aluthge Transform." Mediterranean Journal of Mathematics 14(2): 1–12. DOI 10.1007/s00009-017-0862-5	M21
7	Lukovic, M. et al. 2016. "LED-Based Vis-NIR Spectrally Tunable Light Source - the Optimization Algorithm." Journal of the European Optical Society 12(1). http://dx.doi.org/10.1186/s41476-016-0021-9.	M22
8	Ivan P. Stanimirović, Computation of Generalized Matrix Inverses and Applications, Taylor and Francis, Apple Academic Press, 2016 https://doi.org/10.1201/9781315115252	M12
9	Stanimirović, Ivan P. 2015. "Computing AT,S(2) Inverses of Hermitian Matrices via LDL* Decomposition for a Square Matrix A." http://dx.doi.org/10.1080/03081087.2014.952897 63(8): 1553–67.	M22
10	Stefanović-Marinović, Jelena, Marko D. Petković, and Ivan P. Stanimirović. 2015. "Application of the ELECTRE Method to Planetary Gear Train Optimization." Journal of Mechanical Science and Technology 29(2): 647–54. https://link.springer.com/article/10.1007/s12206-015-0124-z	M22

Aggregate data scientific teacher activity		
Total number of citations, without autocitations	236	
Total number of papers from the SCI (or SSCI) list	12	
Current participation in projects	Domestic : 2	International :
Training		
Other data you consider relevant h-index: 9, i10-index: 8		
The maximum length must not exceed one A4 page		

Name and surname		Jasmina Đorđević		
Title		associate professor		
Scientific Field		Probability		
Academic Career	Year	Institution		A Narrow Scientific Field
Associate Professor	2018.	Faculty of Sciences and Mathematics University of Niš		Probability
PhD	2013.	Faculty of Sciences and Mathematics University of Niš		Probability
Master Degree	2006.	Faculty of Sciences and Mathematics University of Niš		Probability

BSc		
NO	**Code**	**Name of the subject**
1		Stochastic analysis

Representative references (minimum 10, maximum 20)		
1	**J. Đorđević,** M. Milošević, N. Šuvak, Non-linear stochastic model for dopamine cycle, Chaos, Solitons & Fractals 177 (2023), 114220. DOI: https://doi.org/10.1016/j.chaos.2023.114220	M21a
2	**J. Đorđević,** Backward Doubly Stochastic Integral Equations of the Volterra Type and Some Related Problems, Communications in Mathematics and Statistics, accepted, 2023. DOI: https://doi.org/10.1016/j.jfranklin.2022.12.009	M21a
3	**J. Đorđević**, B. Jovanović, *Dynamical analysis of a stochastic delayed epidemic model with Lévy jumps and regime switching,* Journal of the Franklin Institute, Volume 360, Issue 2, January 2023, Pages 1252-1283, DOI: https://doi.org/10.1016/j.jfranklin.2022.12.009	M21a
4	A. Aman, H. Coulibaly, **J. Đorđević,** "Forward backward stochastic differential equations with delayed generators", Stochastics and Dynamics, Vol. 23, No. 02, 2350012 (2023), DOI: https://doi.org/10.1142/S0219493723500120	M22
5	**J. Đorđević,** A stochastic model for malaria and its behavior under insecticide-treated nets , July 2022, Studies in Applied Mathematics, DOI: https://doi.org/10.1111/sapm.12515.	M21a
6	**J. Đorđević,** K. Rognlien Dahl, Stochastic optimal control of pre-exposure prophylaxis for HIV infection, *Mathematical Medicine and Biology: A Journal of the IMA*, Volume 39, Issue 3, September 2022, Pages 197–225. DOI: https://doi.org/10.1093/imammb/dqac003	M23
7	B. Jovanović, **J. Đorđević,** J. Manojlović, N. Šuvak, "*Analysis of stability and sensitivity of deterministic and stochastic models for the spread of the new corona virus SARS-CoV-2*", Filomat (2021), Volume 35, Issue 3, 1045–1063,DOI: *https://doi.org/10.2298/FIL2103045J*	M22
8	**J. Djordjevic**, S. Konjik, D. Mitrovic, A. Novak, Global Controllability for Quasilinear Nonnegative Definite System of ODEs and SDEs, Journal of optimization theory and applications, (2021), Volume 190, Issue 1, 316–338, DOI: **https://doi.org/10.1007/s10957-021-01886-z**	M21
9	**J. Đorđević**, I.Papić, N.Šuvak, A two diffusion stochastic model for the spread of the new corona virus SARS-CoV-2**,** Chaos, Solitons Fractals Volume 148 (2021), 10991, DOI: **https://doi.org/10.1016/j.chaos.2021.110991**	M21a
10	**J. Djordjević**, C. J. Silva, A stochastic analysis of the impact of fluctuations in the environment on pre-exposure prophylaxis for HIV infection , Soft. Comput. 25, (2021), 6731–6743, DOI: **https://doi.org/10.1007/s00500-019-04611-1**	M22

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	114	
Total number of papers from the SCI (SSCI) list	13	
Current participation in projects	Domestic : 0	International : 1
Specializations	University Campus of Santiago Aveiro, Portugal; University of Minneapolis, Minnesota, US; University of Vienna, Austria; Kist Misirkov No 10.A Campus 2, Stip, Republic of Macedonia; University of Kiev, Ukraine; University of Oslo, Norway.	

Name and surname		**Jelena M. Ignjatović**		
Title		Full professor		
Scientific Field		Mathematical sciences, computer sciences		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2016	Faculty of Science in Niš	Computer sciences	Computer sciences
PhD	2007	Faculty of Science in Niš	Computer sciences	Computer sciences
MSc	2000	Faculty of Science in Niš	Mathematical sciences	Mathematical sciences
BSc	1997	Faculty of Philosophy in Niš	Mathematical sciences	Theoretical mathematics and applications

NO	**Code**	**Name of the subject**
1.	20.ИДИ11	Formal languages, automata and computability
2.	20.ИДИ15	Lattices and ordered algebraic structures
3.	20.ИДИ21	Fuzzy sets and systems
4.		Ordered algebraic structures
5.		Fuzzy sets and systems

Representative references (minimum 10, maximum 20)		
1.	Ćirić, Miroslav; Ignjatović, Jelena; Stanimirović, Predrag. Outer inverses in semigroups belonging to the prescribed Green's equivalence classes, SEMIGROUP FORUM 107 (2023) 251–293. https://doi.org/10.1007/s00233-023-10382-x	M23
2.	Stanković, Ivan; Ćirić, Miroslav; Ignjatović, Jelena. Bisimulations for weighted networks with weights in a quantale, FILOMAT 37:11 (2023) 3335–3355. https://doi.org/10.2298/FIL2311335S	M22
3.	Ćirić, Miroslav; Ignjatović, Jelena; Popović, Žarko; Stamenković, Aleksandar. Positive fuzzy quasi-orders on semigroups, FILOMAT 37:5 (2023) 1341–1365. https://doi.org/10.2298/FIL2305341C	M22
4.	Stanković, Marko; Ćirić, Miroslav; Ignjatović, Jelena. Simulations and bisimulations for fuzzy multimodal logics over Heyting algebras, FILOMAT 37:3 (2023) 711–743. https://doi.org/10.2298/FIL2303711S	M22
5.	Stankovic, Marko; Ćirić, Miroslav; Ignjatović, Jelena. Hennessy-Milner Type Theorems for Fuzzy Multimodal Logics Over Heyting Algebras, JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, 2022, 39(2–4),341–379. https://www.oldcitypublishing.com/journals/mvlsc-home/mvlsc-issue-contents/mvlsc-volume-39-number-2-4-2022/mvlsc-39-2-4-p-341-379/	M21a
6.	Brajević, Ivona; Ignjatović, Jelena. An upgraded firefly algorithm with feasibility-based rules for constrained engineering optimization problems, Journal of Intelligent Manufacturing 2019, 30(6):2545–2574. https://doi.org/10.1007/s10845-018-1419-6	M21
7.	Stanković, Ivan; Ćirić, Miroslav; Ignjatović,Jelena. Fuzzy relation inequalities and equations with two unknowns and their applications, FUZZY SETS AND SYSTEMS 322 (2017) 86–105. https://doi.org/10.1016/j.fss.2017.03.011	M21a
8.	Ignjatović, Jelena; Ćirić, Miroslav. Moore-Penrose equations in involutive residuated semigroups and involutive quantales, FILOMAT 31:2 (2017) 183–196. https://doi.org/10.2298/FIL1702183I	M22
9.	Ignjatović, Jelena; Ćirić, Miroslav; Šešelja, Branimir; Tepavčević, Andreja. Fuzzy relation inequalities and equations, fuzzy quasi-orders, and closures and openings of fuzzy sets, FUZZY SETS AND SYSTEMS 260 (2015) 1-24. https://doi.org/10.1016/j.fss.2014.05.006	M21a
10.	Stamenković, Aleksandar; Ćirić, Miroslav; Ignjatović, Jelena. Reduction of fuzzy automata by means of fuzzy quasi-orders, INFORMATION SCIENCES 275 (2014) 168–198. https://doi.org/10.1016/j.ins.2014.02.028	M21a

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	Scopus: 770 (570), Web of Science: 726 (543)	
Total number of papers from the SCI (SSCI) list	34	
Current participation in projects	Domestic : 2	International : 2
Specializations	Aristotle University of Thessaloniki (2016), University of Jaén (2017), University of Lepzig (2019)	
Other relevant information: Member of the editorial board of scientific journals Facta Universitatis, Series Mathematics and Informatics Applied Mathematics and Computer Science (since 2016, publisher: Faculty of Science, University of Niš), и Kragujevac Journal of Mathematics (since 2014, publisher: Faculty of Science, University of Kragujevac)		

Name and surname		**Jelena Manojlović**		
Title		Full professor		
Scientific Field		mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2009.	University of Niš	mathematics	mathematics
PhD	2000.	University of Belgrade	mathematics	mathematics
MSc	1996.	University of Belgrade	mathematics	mathematics
Master Degree	1991.	University of Niš	mathematics	mathematics

NO	**Code**	**Name of the subject**
1	M1604	Numerical methods of solving ordinary and partial differential equations
2	M1632	Bifurcation theory
3	M1647	Mathematical models in epidemiology
4	M1631	Regularly varying functions and differential equations

Representative references (minimum 10, maximum 20)		
1	B. Jovanović, J. Đorđević, J.Manojlović, N. Šuvak, *Analysis of stability and sensitivity of deterministic and stochastic models for the spread of the new corona virus* SARS-CoV-2, Filomat, 2021, 35(3), pp. 1045-1063. https://doi.org/10.2298/FIL2103045J	M22
2	K.S. Đorđević, J.V. Manojlović, *q-regular variation and the existence of solutions of half-linear q-difference equation,* Mathematical Methods in the Applied Sciences, 2021, 44 (17), pp. 12673-12687. http://doi.org/10.1002/mma.7570	M21
3	T. Kusano, J.V. Manojlović, *Asymptotic behavior of solutions of half-linear differential equations and generalized Karamata functions,* Georgian Math. Jour., 2021, 28 **(**4), pp. 611-636. https://doi.org/10.1515/gmj-2020-2070	M23
4	K. S. Đorđević, J.V. Manojlović, *Existence of positive strongly decaying solutions of second-order nonlinear q-difference equations,* Journal of Difference Equations and Application*,* 2020**,** 26 **(**6), pp. 729-752. https://doi.org/10.1080%2F10236198.2020.1761346	M22
5	K. Kostadinov, J.V. Manojlović, *Existence and Asymptotic Behavior of Intermediate Type of Positive Solutions of Fourth-Order Nonlinear Differential Equations,* Filomat, 2019, 33 (13), pp. 4185–4211. https://doi.org/10.2298%2Ffil1913185d	M22
6	T. Kusano, J.V. Manojlović, and V. Marić, *An asymptotic analysis of solutions of a second order nonlinear differential equation*, Funkcialaj Ekvacioj, 2018, 61, pp. 15-36. https://doi.org/10.1619/fesi.61.15	M23
7	A. Kapešić, J.V. Manojlović, *Regularly varying sequences and Emden–Fowler type second-order difference equations***,** Journal of Difference Equations and Application*,* 2018, 24 (2), pp. 245-266. https://doi.org/10.1080%2F10236198.2017.1404588	M22
8	T. Kusano, J. V. Manojlović, *Precise asymptotic behavior of regularly varying solutions of second order half-linear differential equations*, Electronic Journal of Qualitative Theory of Differential Equations, 2016, 62, pp.1-24. https://doi.org/10.14232%2Fejqtde.2016.1.62	M21
9	J. Milošević, J.V. Manojlović, *Asymptotic analysis of fourth order quasilinear differential equations in the framework of regular variation*, Taiwanese Journal of Mathematics, 2015**,** 19 (5), pp. 1415-1456**.** https://doi.org/10.11650/tjm.19.2015.5048	M22
10	T. Kusano, J.V. Manojlović, V. Marić, *Increasing solutions of Thomas–Fermi type differential equations—The superlinear case,* Nonlinear Analysis & Theory Methods and Applications, 2014, 108, pp. 114-127 https://doi.org/10.1016/j.na.2014.05.011	M21a

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	437 (Scopus)	
Total number of papers from the SCI (SSCI) list	37	
Current participation in projects	Domestic : 1	International : 0

Name and surname		Lazar Z. Velimirović		
Title		Senior Research Associate		
Scientific Field		Signal processing, Optimization, and Computer Sciences		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Senior Research Associate	2019.	Mathematical Institute of the Serbian Academy of Sciences and Arts	Mathematics and Computer Sciences	-
PhD	2013.	Faculty of Electronic Engineering Nis	Electrical Engineering and Computing	-
Master Degree	2008.	Faculty of Electronic Engineering Nis	Telecommunications	-

NO	**Code**	**Name of the subject**
1		Introduction to Machine Learning

Representative references (minimum 10, maximum 20)

1	Velimirović, Lazar Z.; Janjić, Aleksandar; Vranić, Petar; Velimirović, Jelena D.; Petkovski, Ivana. Determining the Optimal Route of Electric Vehicle Using a Hybrid Algorithm Based on Fuzzy Dynamic Programming. IEEE Transactions on Fuzzy Systems, 2023, 31(2), 609-618. doi: 10.1109/TFUZZ.2022.3205045	M21a
2	Vranić, Petar; Glišović, Srđan; Velimirović, Lazar Z. Decision Support for Integrated Management of Local-Level Adaptation to Climate Changes: The Case of Serbia. International Journal of Disaster Risk Science, 2021, 12(4), 479-494. doi: 10.1007/s13753-021-00357-3	M21
3	Janjić, Aleksandar; Velimirović, Lazar Z. Bivariate statistics of lightning density and guaranteed quality of service in distribution network using copulas. Electric Power Systems Research, 2021, 194, 107059, doi: 10.1016/j.epsr.2021.107059	M21
4	Janjić, Aleksandar; Velimirović, Lazar Z. Integrated fault location and isolation strategy in distribution networks using Markov decision process. Electric power systems research, 2020, 180, 106172, doi: 10.1016/j.epsr.2019.106172	M21
5	Janjić, Aleksandar; Velimirović, Lazar Z.; Stankovic, Miomir; Petrusic, Andrija. Commercial electric vehicle fleet scheduling for secondary frequency control. Electric Power Systems Research, 2017, 147, 31-41, doi: 10.1016/j.epsr.2017.02.019	M21
6	Velimirović, Lazar Z.; Janković, Radmila; Velimirović, Jelena D.; and Janjić, Aleksandar. Wastewater plant reliability prediction using the machine learning classification algorithms. Symmetry, 2021, 13(8), 1518, doi: 10.3390/sym13081518	M22
7	Janjić, Aleksandar; Velimirović, Lazar Z.; Vranić, Petar. Designing an electricity distribution reward-penalty scheme based on spatial reliability statistics. Utilities Policy, 2021, 70, 101211, doi: 10.1016/j.jup.2021.101211	M22
8	Gocic, Milan; Velimirović, Lazar Z.; Stankovic, Miomir; Trajkovic, Slavisa. Regional precipitation-frequency analysis in Serbia based on methods of L-Moment. Pure and Applied Geophysics, 2021, 178, 1499-1511, doi: 10.1007/s00024-021-02688-0	M22
9	Gocic, Milan; Velimirović, Lazar Z.; Stankovic, Miomir; Trajkovic, Slavisa. Determining the best fitting distribution of annual precipitation data in Serbia using L-moments method. Earth Science Informatics, 2021, 14, 633-644, doi: 10.1007/s12145-020-00543-9	M22
10	Velimirović, Lazar Z.; Maric, Svetislav. New adaptive compandor for LTE signal compression based on spline approximations. ETRI Journal, 2016, 38(3), 463-468, doi: 10.4218/etrij.16.0115.0506	M23

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	91 (SCOPUS)	
Total number of papers from the SCI (SSCI) list	22	
Current participation in projects	Domestic : 1	International :
Specializations		
Other relevant information:		

Name and surname			**Ljubica S. Velimirović**		
Title			**Full professor**		
Scientific Field			**Mathematics**		
Academic Career		Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor		2008.	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics
PhD		1998.	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics
MSc		1991.	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics
Master Degree		1979.	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
1.	M1607	Differential deometry of curves and surfaces
2.	M1622	Infinitesimal deformations

Representative references (minimum 10, maximum 20)

1.	Milica Cvetkovic, Ljubica VelimirovicApplication of Shape Operator Under Infinitesimal Bending of Surface Filomat Vol 33, No 4 (2019)	M22
2.	Milan Lj. Zlatanović Ljubica S. Velimirović,Mića S. Stanković Necessary and sufficient conditions for equitorsion geodesic mapping Journal of Mathematical Analysis and Applications 435 (2016), pp. 578-592 DOI information: 10.1016/j.jmaa.2015.10.052	M21
3.	NO Vesić, LS Velimirović, MS Stanković Some Invariants of Equitorsion Third Type Almost Geodesic Mappings, Mediterranean Journal of Mathematics 13 (6), 4581-4590 (2016) 1 IF 0.605	M2
4.	Petrovic Milos Z Velimirovic Ljubica S A New Type of Generalized Para-Kahler Spaces and Holomorphically Projective Transformations BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY, (2019), vol. 45 br. 4, str. 1021-1043	M23
5.	Petrovic Milos Z , Ljubica Velimirović S, Generalized Kahler Spaces in Eisenhart's Sense Admitting a Holomorphically Projective Mapping, MEDITERRANEAN JOURNAL OF MATHEMATICS, (2018), vol. 15 br. 4 M21	M21
6.	Ljubica Velimirović S Majhi Pradip De Uday Chand , Almost pseudo-Q-symmetric semi- Riemannian manifolds, INTERNATIONAL : JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, (2018), vol. 15 br. 7.	M23
7.	Najdanovic Marija S , Ljubica S. Velimirović, Second Order Infinitesimal Bending of Curves, FILOMAT, (2017), vol. 31 br. 13, str. 4127-4137	M22
8.	De Uday Chand , Velimirovic Ljubica S , Mallick Sahanous On a type of spacetime INTERNATIONAL : JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, (2017), vol. 14 br. 1, str. - IF 1.041	M22
9.	Najdanovic Marija S Velimirovic Ljubica S On the Willmore Energy of Curves Under Second Order Infinitesimal Bending MISKOLC MATHEMATICAL NOTES, (2016), vol. 17 br. 2, str. 979-987	M23
10.	Svetislav M. Mincic, Ljubica S. Velimirovic, Mica S. Stankovic: On spaces with non-symmetric affine connection, containing subspaces without torsion. Applied Mathematics and Computation (AMC) 219(9):4346-4353 (2013)	M21
11.	Svetislav M. Mincic, Ljubica S. Velimirovic, Mica S. Stankovic: On spaces with non-symmetric affine connection, containing subspaces without torsion. Applied Mathematics and Computation (AMC) 219(9):4346-4353 (2013)	M21

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	219 (Scopus)	
Total number of papers from the SCI (SSCI) list	34	
Current participation in projects	Domestic : 1	International :
Specializations		
Other relevant information:		
Maximal lenght cannot be more that one A4 page		

Name and surname		Luka Milićević		
Title		Research assistant professor		
Scientific Field		Combinatorics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor Associate Professor Assistant Professor	2019.	Mathematical Institute of the Serbian Academy of Sciences and Arts	Mathematics	Combinatorics
PhD	2018.	University of Cambridge, United Kingdom	Mathematics	Mathematics
MSc	/	/	/	/
Master Degree	2014.	University of Cambridge, United Kingdom	Mathematics	Mathematics
Master Degree	2014.	University of Cambridge, United Kingdom	Mathematics	Mathematics

BSc		
NO	**Code**	**Name of the subject**
		Regularity and combinatorial structures

Representative references (minimum 10, maximum 20)		
1	Milićević, Luka. INVERSE THEOREM FOR CERTAIN DIRECTIONAL GOWERS UNIFORMITY NORMS. Publications de l'Institut Mathematique, 2023, 113(127); 1-56 https://doi.org/10.2298/PIM2327001M	M24
2	Milićević, Luka. Quantitative inverse theorem for gowers uniformity norms U5 and U6 in Fn2. Canadian Journal of Mathematics, 2023. https://doi.org/10.4153/S0008414X23000391	M21
3	Milićević, Luka. Approximately symmetric forms far from being exactly symmetric. Combinatorics, Probability and Computing, 2023, 32(2); 299-315 https://doi.org/10.1017/S0963548322000244	M22
4	Gowers, W. T.; Milićević, Luka. A note on extensions of multilinear maps defined on multilinear varieties. Proceedings of the Edinburgh Mathematical Society, 2021, 64(2); 148-173 https://doi.org/10.1017/S0013091521000055	M22
5	Gowers, Tim; Milićević, Luka. A bilinear version of Bogolyubov's theorem. Proceedings of the American Mathematical Society, 2020, 148(11); 4695-4704 DOI: 10.1090/proc/15129	M22
6	Milićević, Luka. An improved upper bound for the grid Ramsey problem. Journal of Graph Theory, 2020, 94(4); 509-517 https://doi.org/10.1002/jgt.22540	M22
7	Milićević, Luka. Classification theorem for strong triangle blocking arrangements. Publications de l'Institut Mathematique, 2020, 107(121); 1-36 https://doi.org/10.2298/PIM2021001M	M24
8	Milićević, Luka. Polynomial bound for partition rank in terms of analytic rank. Geometric and Functional Analysis, 2019, 29(5); 1503-1530 https://doi.org/10.1007/s00039-019-00505-4	M21a
9	Milićević, Luka. Covering complete graphs by monochromatically bounded sets. Applicable Analysis and Discrete Mathematics, 2019, 13(1); 85-110 https://doi.org/10.2298/AADM170204022M	M21
10	Leader, Imre; Milićević, Luka ; Tan, Ta Sheng. Decomposing the complete r-graph. Journal of Combinatorial Theory. Series A, 2018, 154; 21-31 https://doi.org/10.1016/j.jcta.2017.08.008	M21

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	10	
Total number of papers from the SCI (SSCI) list	10	
Current participation in projects	Domestic :: /	International :: /
Specializations	/	
Other relevant information:		

Name and surname		Marija Krstić		
Title		Associate professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor Associate Professor Assistant Professor	2019.	Faculty of Sciences and Mathematics, University of Niš		Mathematics
PhD	2013.	Faculty of Sciences and Mathematics, University of Niš	Numerical error	Mathematics
Master Degree	2006.	Faculty of Sciences and Mathematics, University of Niš		Mathematics

BSc		
NO	**Code**	**Name of the subject**
1		Stochastic analysis

Representative references (minimum 10, maximum 20)		
1	Marković, Milica.; Krstić, Marija. On a stochastic generalized delayed SIR model with vaccination and treatment. Nonlinearity, 2023, 36(12), 7007. https://doi.org/10.1088/1361-6544/ad08fb	M22
2	Milunović, Milica.; Krstić, Marija. Long time behavior of an two diffusion stochastic sir epidemic model with nonlinear incidence and treatment. Filomat, 2022, 36(8), pp. 2829-2846. **https://doi.org/10.2298/FIL2208829M**	M22
3	Vujović, Vuk.; Krstić, Marija. Stability of stochastic model for Hepatitis C transmission with an isolation stage. Filomat, 2020, 34(14), pp. 4795-4809. **https://doi.org/10.2298/FIL2014795V**	M22
4	Krstić, Marija. On stability of stochastic delay model for tumor-immune interaction, Filomat, 2018, 32(4), pp. 1273-1283. **https://doi.org/10.2298/FIL1804273K**	M22
5	Jovanović, Miljana.; Krstić Marija. Extinction in stochastic predator-prey population model with Allee effect on prey. Discrete and Continuous Dynamical Systems - B, 2017, 22(7), pp. **2651–2667**. https://doi.org/10.3934/dcdsb.2017129	M21
6	Jovanović, Miljana.; Krstić Marija. The influence of time-dependent delay on behavior of stochastic population model with the Allee effect. Applied Mathematical Modelling, 2015, 39(2), pp. 733–746. https://doi.org/10.1016/j.apm.2014.06.019	M21
7	Jovanović, Miljana.; Krstić Marija. Analysis of non-autonomous stochastic Gompertz model with delay. Applied Mathematics and Computation, 2014, 242, pp. 101-108. https://doi.org/10.1016/j.amc.2014.05.046	M21
8	Jovanović, Miljana.; Krstić Marija. Stochastically perturbed vector-borne disease models with direct transmission. Applied Mathematical Modelling, 2012, 36(11), pp. 5214-5228. https://doi.org/10.1016/j.apm.2011.11.087	M21
9	Janković, Svetlana.; Vasilova, Maja.; Krstić, Marija. Some analytic approximations for neutral stochastic functional differential equations, Applied Mathematics and Computation, 2010, 217(8), pp. 3615-3623. https://doi.org/10.1016/j.amc.2010.09.033	M21
10	Krstić, Marija.; Jovanović, Miljana. On stochastic population model with the Allee effect, Mathematical and Computer Modelling, 2010, 52(1-2), pp. 370-379. https://doi.org/10.1016/j.mcm.2010.02.051	M21

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	111	
Total number of papers from the SCI (SSCI) list	10	
Current participation in projects	Domestic :	International : 0
Specializations		
Other relevant information : Билатерална сарадња ”Примењени стохастички модели са краткорочном и дугорочном структуром зависности” између Републике Србије и Републике Хрватске од 2019. године.		

Name and surname		Marija Milošević		
Title		full professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor Associate Professor Assistant Professor	2021.	Faculty of Sciences and Mathematics, University of Niš	Mathematics	Mathematics
PhD	2011.	Faculty of Sciences and Mathematics, University of Niš	Mathematics	Mathematics
MSc	2006.	Faculty of Sciences and Mathematics, University of Niš	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
1		Probability theory and stochastic processes
2		Stochastic differential equations
3		Stability theory of stochastic differential equations

Representative references (minimum 10, maximum 20)		
1	Obradović, Maja; Milošević, Marija. A note on almost sure exponential stability of θ-Euler-Maruyama approximation for neutral stochastic differential equations with time-dependent delay when θ ∈ (1/2, 1), Analele Stiintifice ale Universitatii Ovidius Constanta, Seria Matematica, 2023 (accepted).	M22
2	Đorđević, Jasmina; Milošević, Marija; Šuvak, Nenad. Non-linear stochastic model for dopamine cycle, Chaos, Solitons & Fractals 177 (2023) 114220. https://doi.org/10.1016/j.chaos.2023.114220	M21a
3	Trifunović, Teodora; Jovanović, Miljana; Milošević, Marija. The generalized Khasminskii-type conditions in establishing existence, uniqueness and moment estimates of solution to neutral stochastic functionaldifferential equations, Filomat 37:24 (2023) 8157-8174. https://doi.org/ 10.2298/FIL2324157T	M22
4	Milošević, Marija. Stochastic serotonin model with discontinuous drift, Mathematics and Computers in Simulation, 198 (2022) 359–374. https://doi.org/10.1016/j.matcom.2022.03.001	M21a
5	Petrović, Aleksandra; Milošević, Marija. The truncated Euler-Maruyama method for highly nonlinear neutral stochastic differential equations with time-dependent delay, Filomat 35:7 (2021), 2457-2484. https://doi.org/10.2298/FIL2107457P	M22
6	Djordjević, Dušan; Milošević, Marija. An approximate Taylor method for Stochastic Functional Differential Equations via polynomial condition, Analele Stiintifice ale Universitatii Ovidius Constanta: Seria Matematica 29:3 (2021), 105–133. https://doi.org/10.2478/auom-2021-0037	M22
7	Milošević, Marija. Divergence of the backward Euler method for ordinary stochastic differential equations, Numerical Algorithms 82(4) (2019) 1395–1407. https://doi.org/10.1007/s11075-019-00661-6	M21a
8	Obradović, Maja; Milošević, Marija. Almost sure exponential stability of the θ-Euler–Maruyama method, when θ ∈ (1/2, 1) for neutral stochastic differential equations with time-dependent delay under nonlinear growth conditions, Calcolo (2019) 56(2):9. https://doi.org/10.1007/s10092-019-0306-7	M21a
9	Milošević, Marija. Convergence and almost sure polynomial stability of the backward and forward-backward Euler methods for highly nonlinear pantograph stochastic differential equations, Mathematics and Computers in Simulation, 150 (2018), 25-48. https://doi.org/10.1016/j.matcom.2018.02.006	M21
10	Obradović, Maja; Milošević, Marija. Almost sure exponential stability of the Θ-Euler-Maruyama method for neutral stochastic differential equations with time-dependent delay when $\theta \in [0,1/2]$, Filomat 31:18 (2017), 5629-5645. https://doi.org/10.2298/FIL1718629O	M22

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	126	
Total number of papers from the SCI (SSCI) list	18	
Current participation in projects	Domestic : 1	International :
Specializations		

Other relevant information:
Учешће у билатералном пројекту Републике Србије и Републике Хрватске под називом ``Примењени стохастички модели са краткорочном и дугорочном структуром зависности``, 2019-

Name and surname		Marija Stanić	
Title		full professor	
Scientific Field		Mathematical Analysis with Applications	
Academic Career	Year	Institution	A Narrow Scientific Field
Full Professor	2017.	Faculty of Science University of Kragujevac	Mathematical Analysis with Applications
PhD	2007.	Faculty of Science University of Kragujevac	Numerical Analysis
MSc	2003.	Faculty of Science University of Kragujevac	Numerical Analysis
Master Degree			
Master Degree	1998.	Faculty of Science University of Kragujevac	Mathematics and Computer Science

NO	**Code**	**Name of the subject**
1		Approximation Theory
2		Numerical Integration

Representative references (minimum 10, maximum 20)

1	**M.P. Stanić**, T.V. Tomović Mladenović, and A.Ne. Jovanović: *Quadrature rules of Gaussian type for trigonometric polynomials with preassigned notes*, Appl. Numer. Math 2023 ISSN 0168-9274, https://doi.org/10.1016/j.apnum.2023.05.015.	M21
2	N.Z. Petrović, **M.P. Stanić**, and T.V. Tomović Mladenović: *Anti-Gaussian quadrature rules for trigonometric polynomials,* FILOMAT **36** (3) (2022), 1005-1019. ISSN 2406-0933 MR4424059 https://doi.org/10.2298/FIL2203005P	M22
3	M.C. De Bonis, **M.P. Stanić**, and T.V. Tomović Mladenović: *Nyström methods for approximating the solutions of an integral equation arising from a problem in mathematical biology,* Appl. Numer. Math **171** (2022), 193-2011. ISSN 0168-9274 MR4315520 https://doi.org/10.1016/j.apnum.2021.09.004	M21
4	A.N. Jovanović, **M.P. Stanić**, and T.V. Tomović: *Construction of the optimal set of quadrature rules in the sense of Borges,* Electron. Trans. Numer. Anal. **50** (2018), 164-181. ISSN 1068-9613 MR3907775 https://epub.oeaw.ac.at/?arp=0x003a3411	M21
5	T.V. Tomović, **M.P. Stanić**: *Construction of the optimal set of two or three quadrature rules in the sense of Borges,* Numer. Algorithms, **78** (4) (2018), 1087-1109. ISSN 1017-1398 MR3827323 https://link.springer.com/article/10.1007/s11075-017-0414-x	M21a
6	**M.P. Stanić,** T.V. Tomović: ***Multiple orthogonality in the space of trigonometric polynomials of semi-integer degree***, FILOMAT **29** (10) (2015), 2227-2237. ISSN 0354-5180 MR3434163 https://doiserbia.nb.rs/Article.aspx?id=0354-51801510227S	M21
7	T.V. Tomović, **M.P. Stanić**: *Quadrature rules with an even number of multiple nodes and a maximal trigonometric degree of exactness*, FILOMAT **29** (10) (2015), 2239-2255. ISSN 0354-5180 MR3434164 https://doiserbia.nb.rs/Article.aspx?id=0354-51801510239T	M21
8	**M.P. Stanić**, A.S. Cvetković, and T.V. Tomović: *Error estimates for quadrature rules with maximal even trigonometric degree of exactness***,** Rev. R. Acad. Cienc. Exactas, Fis. Nat. Ser. A. Mat. RACSAM **108** (2014), 603-615 ISSN 1578-7303 MR3249964 https://link.springer.com/article/10.1007/s13398-013-0129-3	M21
9	**M.P. Stanić**: *Multiple orthogonal polynomials on the semicircle and applications*, Appl. Math. Comput. **243** (2014), 269-282. ISSN 0096-3003 MR3244476 https://doi.org/10.1016/j.amc.2014.05.091	M21
10	**M.P. Stanić**, A.S. Cvetković, and T.V. Tomović: *Error estimates for some quadrature rules with maximal trigonometric degree of exactness*, Math. Methods Appl. Sci. **37** (11) (2014), 1687-1699. ISSN 0170-4214 MR3225199 https://doi.org/10.1002/mma.2929	M22

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	250	
Total number of papers from the SCI (SSCI) list	30	
Current participation in projects	Domestic : 1	International : 0
Specializations	Postdoc at Politechnical University of Torino, Italy	
Other relevant information : Member of **the National Educational Council and Member of the** Board for Accreditation of Scientific and Research Organization		

Name and surname		Marko Nedeljkov		
Title		Full Professor		
Scientific Field		Analysis and Probability		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2005	Faculty of Sciences, Novi Sad	Mathematics	Analysis and Probability
PhD	1995	Faculty of Sciences, Novi Sad	Mathematics	Analysis and Probability
MSc	1993	Faculty of Sciences, Novi Sad	Mathematics	
BSc	1990	Faculty of Sciences, Novi Sad	Mathematics	

NO	**Code**	**Name of the subject**
1		PDEs
2	AN-04	Linear PDEs
3	AN-07	Nonlinear PDEs
4	AN-09	Applications of PDEs

Representative references (minimum 10, maximum 20)		
1	Marković, Branko; Nedeljkov, Marko. A zero-noise limit to a symmetric system of conservation laws. Stochastic Analysis and Applications, 2023, 41(1), pp. 102–114. https://doi.org/10.1080/07362994.2021.1990778	M22
2	Ružičić, Sanja.; Nedeljkov, Marko. Energy dissipation admissibility condition for conservation law systems admitting singular solutions. Nonlinear Differential Equations and Applications, 2022, 29(2), 14. https://doi.org/10.1007/s00030-022-00748-5	M22
3	Ružičić, Sanja.; Nedeljkov, Marko. Shadow wave tracking procedure and initial data problem for pressureless gas model. Acta Appl. Math. 171 (2021), Paper No. 10, 36 pp. https://doi.org/10.1007/s10440-020-00377-z	M22
4	Dugandžija, Nevena; Nedeljkov, Marko Generalized solution to multidimensional cubic Schrödinger equation with delta potential. Monatsh. Math. 190 (2019), no. 3, 481–499. https://doi.org/10.1007/s00605-019-01304-7	M22
5	Mohamed, Sana Mohamed Abdulwanis; Nedeljkov, Marko Simplified chromatography model and inverse of split delta shocks. Appl. Math. Lett. 92 (2019), 49–53. https://doi.org/10.1016/j.aml.2019.01.008	M21a
6	Nedeljkov, Marko; Neumann, Lukas; Oberguggenberger, Michael; Sahoo, Manas R. Radially symmetric shadow wave solutions to the system of pressureless gas dynamics in arbitrary dimensions. Nonlinear Anal. 163 (2017), 104–126. https://doi.org/10.1016/j.na.2017.07.006	M21
7	Nedeljkov, Marko; Ružičić, Sanja On the uniqueness of solution to generalized Chaplygin gas. Discrete Contin. Dyn. Syst. 37 (2017), no. 8, 4439–4460. Doi: 10.3934/dcds.2017190	M22
8	Daw, Dalal Abdulsalam Elmabruk; Nedeljkov, Marko Shadow waves for pressureless gas balance laws. Appl. Math. Lett. 57 (2016), 54–59. https://doi.org/10.1016/j.aml.2016.01.004	M21a
9	Krunić, Tanja; Nedeljkov, Marko Discrete shock profiles for scalar conservation laws with discontinuous fluxes. J. Math. Anal. Appl. 435 (2016), no. 1, 986–1010. https://doi.org/10.1016/j.jmaa.2015.10.064	M21
10	Nedeljkov, Marko Higher order shadow waves and delta shock blow up in the Chaplygin gas. J. Differential Equations 256 (2014), no. 11, 3859–3887. https://doi.org/10.1016/j.jde.2014.03.002	M21a
11	Nedeljkov, M. Shadow Waves: Entropies and Interactions for Delta and Singular Shocks. Arch Rational Mech Anal 197, 489–537 (2010). https://doi.org/10.1007/s00205-009-0281-2	M21a

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	387	
Total number of papers from the SCI (SSCI) list	31	
Current participation in projects	Domestic : 2	International : 1
Specializations		
Other relevant information:		
Maximal lenght cannot be more that one A4 page		

Name and surname		Марко Петковић		
Title		Редовни професор		
Scientific Field		Рачунарске науке		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor Associate Professor Assistant Professor	2016	Faculty of Sciences and Mathematics Niš	Computer science	Computer science
PhD	2008	Faculty of Sciences and Mathematics Niš	Computer science	Computer science
Master Degree	2006	Faculty of Sciences and Mathematics Niš	Computer science	Computer science

NO	**Code**	**Name of the subject**
1.		Scientific computing

Representative references (minimum 10, maximum 20)

1.	Bojičić, Radica; Petković Marko. Oscillation criteria for a second order half-linear differential equation with delay, with monotone nondecreasing delay function. Computational and Applied Mathematics 42 (2023), 326. https://doi.org/10.1080/07362994.2021.1990778	M21
2.	Perić, Zoran; Marković, Aleksandar; Kontrec, Nataša; Nikolić, Jelena; Petković, Marko; Jovanović, Aleksandra. Two Interval Upper-Bound Q-Function Approximations with Applications, Mathematics 10 (2022), 3590. https://doi.org/10.3390/math10193590	M21a
3.	Stanimirović, Predrag; Petković, Marko; Mosić Dijana. Exact solutions and convergence of gradient based dynamical systems for computing outer inverses, Applied Mathematics and Computation 412 (2022), 126588. https://doi.org/10.1016/j.amc.2021.126588	M21a
4.	Stanimirović, Predrag; Petković, Marko. Improved GNN models for constant matrix inversion, Neural Processing Letters 50:1 (2019), 321-339. https://doi.org/10.1007/s11063-019-10025-9	M22
5.	Perić, Zoran; Nikolić, Jelena; Petković, Marko. Class of tight bounds on the Q-Function with closed-form upper bound on relative error, Mathematical Methods in the Applied Sciences 42:6 (2019), 1786-1794. https://doi.org/10.1002/mma.5555	M21
6.	Rajković, Predrag; Marinković, Slađana; Petković, Marko. A class of orthogonal polynomials related to the generalized Laguerre weight with two parameters, Computational and Applied Mathematics 38:10 (2019). https://doi.org/10.1007/s40314-019-0783-y	M22
7.	Petković, Marko; Krstić, Mihailo; Rajković, Kostadin. Rapid generalized Schultz iterative methods for the computation of outer inverses, Journal of Computational and Applied Mathematics 344 (2018), 572-584. https://doi.org/10.1016/j.cam.2018.05.048	M21
8.	Stanimirović, Predrag; Petković, Marko. Gradient neural dynamics for solving matrix equations and their applications, Neurocomputing 306 (2018), 200-212. https://doi.org/10.1016/j.neucom.2018.03.058	M21
9.	Petković, Marko; Stanimirović, Predrag; Katsikis, Vasilios. Modified discrete iterations for computing the inverse and pseudoinverse of the time-varying matrix, Neurocomputing 289 (2018), 155-165. https://doi.org/10.1016/j.neucom.2018.02.005	M21
10.	Stanimirović, Predrag; Petković, Marko; Gerontitis, Dimitrios. Gradient neural network with nonlinear activation for computing inner inverses and the Drazin inverse, Neural Processing Letters 48:1 (2018), 109-133. https://doi.org/10.1007/s11063-017-9705-4	M22

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	784	
Total number of papers from the SCI (SSCI) list	76	
Current participation in projects	Domestic : 1	International : 1
Specializations	Delaware State University, Dover, DE, USA, 2009.	
Other relevant information: Члан уређивачког одбора часописа: Filomat, Facta Universitatis, Series: Mathematics and Informatics, Kragujevac Journal of Mathematics, Aplied Mathematics and Computer Science, University thought.		

Name and surname		Martin Ljubenović		
Title		Asistant Professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor Associate Professor Assistant Professor	2020.	Faculty of Mechanical Engineering, University of Niš	Mathematics and Informatics	Mathematics and Informatics
PhD	2017.	Faculty of Sciences and Mathematics, University of Niš	Mathematics	Functional Analysis
Master Degree	2010.	Faculty of Sciences and Mathematics, University of Niš	Mathematics	Mathematics and Informatics

BSc		
NO	**Code**	**Name of the subject**
1		Partial Orders and Stochastic Operators

Representative references (minimum 10, maximum 20)		
1	Rakić, Dragan; Ljubenović, Martin. On the star and minus orders on Hilbert space operators. Linear and Multilinear algebra, published online, (2022). https://doi.org/10.1080/03081087.2022.2120595	M22
2	Rakić, Dragan; Ljubenović, Martin. 1MP and MP1 inverses and one-sided star orders in a ring with involution. Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas, 117, 13 (2023). https://doi.org/10.1007/s13398-022-01348-9	M21a
3	Ljubenović, Martin; Rakić, Dragan. Submajorization on l^p(I)^+ determined by increasable doubly substochastic operators and its linear preservers. Banach Journal of Mathematical Analysis, 15, 60 (2021). https://doi.org/10.1007/s43037-021-00143-9	M21
4	Ljubenović, Martin; Rakić, Dragan; Đorđević, Dragan. Linear preservers of DSS-weak majorization on discrete Lebesgue space l1(I) when I is an infinite set. Linear and Multilinear algebra, 69 (14) (2021), 2657-2673. https://doi.org/10.1080/03081087.2019.1691970	M21
5	Ljubenović, Martin; Đorđević, Dragan. Bounded linear operators that preserve the weak supermajorization on l1(I)+. Electronic Journal of Linear Algebra, 34 (2018), 407-427. https://doi.org/10.13001/1081-3810.3659	M22
6	Ljubenović, Martin; Đorđević, Dragan. Weak supermajorization and families as doubly superstochastic operators on lp(I). Linear Algebra and its Applications, 532 (2017), 312-346. https://doi.org/10.1016/j.laa.2017.06.046	M21
7	Ljubenović, Martin; Đorđević, Dragan. Linear preservers of weak majorization on l1(I)+, when I is an infinite set. Linear Algebra and its Applications, 517 (2017), 177-198. https://doi.org/10.1016/j.laa.2016.12.012	M21
8	Ljubenović, Martin; Đorđević, Dragan. Linear preservers of weak majorization on lp(I)+, when pϵ(1,∞). Linear Algebra and its Applications, 497 (2016), 181-198. https://doi.org/10.1016/j.laa.2016.02.031	M21
9	Ljubenović, Martin. Majorization and doubly stochastic operators. Filomat, 29 (9) (2015), 2087-2095. https://doi.org/10.2298/FIL1509087L	M21
10	Ljubenović, Martin. Weak majorization and doubly substochastic operators on lp(I). Linear Algebra and its Applications, 2015, 486 (2015), 295-316. https://doi.org/10.1016/j.laa.2015.08.020	M21

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	20 (Scopus)	
Total number of papers from the SCI (SSCI) list	8	
Current participation in projects	Domestic : 1	International : 1
Specializations		
Other relevant information :		

Name and surname		Mića S. Stanković		
Title		**Full professor**		
Scientific Field		**Mathematics**		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2015	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics
PhD	2001	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics
MSc	1996	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics
BSc	1990	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics

BSc

NO	Code	Name of the subject
1	M1608	Риманов простори и уопштења
2	M1621	Простори несиметричне афине конексије
3	M1635	Геодезијска пресликавања

Representative references (minimum 10, maximum 20)

1	Vesić, Nenad; Milenković, Vladislava; Stanković, Mića Two Invariants for Geometric Mappings. *Axioms*, 2022, 11(5): 1–15. https://doi.org/10.3390/axioms11050239	M21
2	Maksimović, Miroslav; Stanković, Mića Notes on product semisymmetric connection in a locally decomposable Riemannian space. Turkish Journal of Mathematics, 2021, 45(1), 96–109. https://doi.org/10.3906/MAT-2004-30	M23
3	Petrović, Miloš, Stanković, Mića; Peška, Patrik On conformal and concircular diffeomorphisms of Eisenhart's generalized Riemannian spaces. Mathematics, 2019, 7(7). https://doi.org/10.3390/math7070626	M21a
4	Vesić, Nenad, Stanković, Mića Second type almost geodesic mappings of special class and their invariants. Filomat, 33, (2019) 1201–1208. https://doi.org/10.2298/FIL1904201V	M22
5	Vesić, Nenad, Stanković, Mića Invariants of Special Second-Type Almost Geodesic Mappings of Generalized Riemannian Space. Mediterranean Journal of Mathematics, 15(2), (2018) 22–25. https://doi.org/10.1007/s00009-018-1110-3	M21
6	Petrovic, Miloš; Stanković Mića On almost geodesic mappings of the second type between manifolds with non-symmetric linear connection. Filomat, 32(11), (2018) 3831-3841. https://doi.org/10.2298/FIL1811831P	M22
7	Petrović Miloš; Stanković Mića Special almost geodesic mappings of the first type of non-symmetric affine connection spaces, Bulletin of the Malaysian Mathematical Sciences Society (118), vol. 40 No. 3 (2017) 1353-1362. [doi: 10.1007/s40840=015-0118-0]	M22
8	Zlatanović, Milan; Velimirović, Ljubica; Stanković Mića Necessary and sufficient conditions for equitorsion geodesic mapping, Journal of Mathematical Analysis and Applications, vol.435 (2016) 578–592. https://doi.org/10.1016/j.jmaa.2015.10.052 ·	M21
9	Vesić, Nenad; Velimirović, Ljubica; Stanković Mića Some Invariants of Equitorsion Third Type Almost Geodesic Mappings, Mediterranean Journal of Mathematics, vol.13(6) (2016) 4581-4590. DOI: 10.1007/s00009-016-0763-z	M21
10	Stanković,Mića Special equitorsion almost geodesic mappings of the third type of non-symmetric affine connection spaces, Applied Mathematics and Computation, vol.244 (2014) 695–701. https://doi.org/10.1016/j.amc.2014.07.021	M21

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	250 (Scopus)	
Total number of papers from the SCI (SSCI) list	35	
Current participation in projects	Domestic :: 1	International :
Specializations		
Other relevant information:		
Maximal lenght cannot be more that one A4 page		

Name and surname		Milana Čolić		
Title		Associate professor		
Scientific Field		Mathematical modelling		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Associate Professor	2021	Faculty of Sciences, University of Novi Sad	Mathematics	Mathematical modelling
PhD	2014	Faculty of Sciences, University of Novi Sad, Ecole Normale Supérieure de Cachan, France	Mathematics	Mathematical modelling
Master Degree	2010	Faculty of Sciences, University of Novi Sad	Mathematics	Mathematical modelling
BSc	2009	Faculty of Sciences, University of Novi Sad	Mathematics	Mathematical modelling

NO	**Code**	**Name of the subject**
1.	AML2	Студијски истраживачки рад 1

Representative references (minimum 10, maximum 20)

1	Gamba, Irene M.; Pavić-Čolić, Milana. On the Cauchy problem for Boltzmann equation modelling a polyatomic gas. Journal of Mathematical Physics, 2023, 64(1), 013303. https://doi.org/10.1063/5.0103621	M22
2	Djordjić, Vladimir; Oblapenko, Georgii; Pavić-Čolić, Milana; Torrilhon, Manuel. Boltzmann collision operator for polyatomic gases in agreement with experimental data and DSMC method. Continuum Mechanics and Thermodynamics, 2022, 35(1), pp. 103–119. https://doi.org/10.1007/s00161-022-01167-8	M21
3	Pavić-Čolić, Milana; Simić, Srboljub. Kinetic description of polyatomic gases with temperature-dependent specific heats. Physical Review Fluids, 2022, 7(8), 083401. doi:10.1103/PhysRevFluids.7.083401	M22
4	Djordjić, Vladimir; Pavić-Čolić, Milana; Torrilhon, Manuel. Consistent, Explicit and Accessible Boltzmann Collision Operator for Polyatomic Gases. Physical Review E, 2021, 104(2), 025309. doi:10.1103/PhysRevE.104.025309	M21
5	Pavić-Čolić, Milana; Mađarević, Damir; Simić, Srboljub. Shock structure and Relaxation in the Multi-Component Mixture of Euler Fluids. Symmetry, 2021, 13, 955. https://doi.org/ 10.3390/sym13060955	M22
6	Đorđić, Vladimir; Pavić-Čolić, Milana; Spasojević, Nikola. Polytropic gas modelling at kinetic and macroscopic levels. Kinetic and Related Models, 2021, 14(3), pp. 483–522. doi:10.3934/krm.2021013	M21
7	Gamba, Irene M.; Pavić-Čolić, Milana. On existence and uniqueness to homogeneous Boltzmann flows of monatomic gas mixtures. Archive for Rational Mechanics and Analysis, 2020, 235, pp. 723–781. https://doi.org/10.1007/s00205-019-01428-y	M21a
8	Pavić-Čolić, Milana. Multi-velocity and multi-temperature model of the mixture of polyatomic gases issuing from kinetic theory. Physics Letters A, 2019, 383, pp. 2829–2835. https://doi.org/10.1016/j.physleta.2019.06.009	M22
9	Pavić-Čolić, Milana; Tasković, Maja. Propagation of stretched exponential moments for the Kac equation and Boltzmann equation with Maxwell molecules. Kinetic and Related Models, 2018, 11(3), pp. 597–613. doi:10.3934/krm.2018025	M21a
10	Pavić-Čolić, Milana; Mađarević, Damir; Simić, Srboljub. Polyatomic gases with dynamic pressure: kinetic non-linear closure and the shock structure. International Journal of Non-Linear Mechanics, 2017, 92, pp. 160–175. http://dx.doi.org/10.1016/j.ijnonlinmec.2017.04.008	M21

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	121 (Scopus)	
Total number of papers from the SCI (SSCI) list	10	
Current participation in projects	Domestic : 2	International : 3

Specializations	RWTH Aachen, Germany, 18 months during 3 years 2020-2023, supported by the Alexander von Humboldt fellowship for experienced researchers, University of Texas at Austin, USA, 6 months 2017-2018, supported by the Fulbright Visiting Scholar Program for Advanced Research grant, Oden Institute for Computational Engineering and Sciences, University of Texas at Austin, USA, 3 months, 2018, supported by the Oden Faculty fellowship, École Normale Supérieure de Cachan, France, 18 months during 4 years 2010-2014 supported by the Scholarship of the French Government for PhD studies in cotutelle

Other relevant information:
Member of the Editorial board of the journal *Kinetinc and Related Models*. Reviewer for *Mathematical Reviews*.

Name and surname		Milan Zlatanović		
Title		full professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2020	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics
PhD	2011	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics
Master Degree	2006	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
1		Numerical Optimization

Representative references (minimum 10, maximum 20)

1	Maksimović, Miroslav; Zlatanović, Milan. Quarter-Symmetric Metric Connection on a Cosymplectic Manifold. Mathematics, 11(9) (2023), 2209–2209. https://doi.org/10.3390/math11092209	M21a
2	Zlatanovic, Milan; Maksimovic, Miroslav. Quarter-symmetric generalized metric connections on a generalized Riemannian manifold. FILOMAT, 37(12) (2023) 3927–3937. https://doi.org/10.2298/FIL2312927Z	M22
3	Petrović, Miloš; Vesić, Nenad; Zlatanović, Milan. Curvature properties of metric and semi-symmetric linear connections. Quaestiones Mathematicae, 45(10) (2022), 1603–1627. https://doi.org/10.2989/16073606.2021.1966682	M21
4	Maksimović, Miroslav; Zlatanović, Milan. Einstein Type Curvature Tensors and Einstein Type Tensors of Generalized Riemannian Space in the Eisenhart Sense. Mediterranean Journal of Mathematics, 19(5) (2022). https://doi.org/10.1007/s00009-022-02119-x	M21
5	Vesić, Nenad; Zlatanović, Milan. Invariants for geodesic and F-planar mappings of generalized Riemannian spaces. Quaestiones Mathematicae, 44(7) (2020), 1–14. https://doi.org/10.2989/16073606.2020.1757532	M21
6	Vesić, Nenad; Zlatanović, Milan; Velimirović, Ana. Projective invariants for equitorsion geodesic mappings of semi-symmetric affine connection spaces. Journal of Mathematical Analysis and Applications, 472(2)(2019), 1571–1580. https://doi.org/10.1016/j.jmaa.2018.12.009	M21
7	Ivanov, Stefan; Zlatanović, Milan. Non-symmetric Riemannian gravity and Sasaki–Einstein 5-manifolds. Classical and Quantum Gravity, 37(2) (2019), 025002–025002. https://doi.org/10.1088/1361-6382/ab5cc3	M21
8	Zlatanović, Milan; Stanković, Vladislava. Some invariants of holomorphically projective mappings of generalized Kählerian spaces. Journal of Mathematical Analysis and Applications, 458(1) (2018), 601–610. https://doi.org/10.1016/j.jmaa.2017.09.021	M21
9	Zlatanović, Milan; Velimirović, Ljubica; Stanković, Mića. Necessary and sufficient conditions for equitorsion geodesic mapping. Journal of Mathematical Analysis and Applications, 435(1)(2016), 578–592. https://doi.org/10.1016/j.jmaa.2015.10.052	M21
10	Ivanov, S., & Zlatanović, M. (2016). Connections on a non-symmetric (generalized) Riemannian manifold and gravity. Classical and Quantum Gravity, 33(7), 075016–075016. https://doi.org/10.1088/0264-9381/33/7/075016	M21

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	150	
Total number of papers from the SCI (SSCI) list	28	
Current participation in projects	Domestic : 1	International : 0

Specializations	1. Faculty of Science of Palacky University in Olomouc, Czech Republic; 2. Faculty of Mathematics and Informatics, SOFIA UNIVERSITY ST. KLIMENT OHRIDSKI, Bulgaria, 3 months staff research stay; 3. Postdoctoral fellowship, Faculty of Mathematics and Informatics, SOFIA UNIVERSITY ST. KLIMENT OHRIDSKI, Bulgaria, 6 months staff research stay.

Other relevant information:

Name and surname		Milena Radnović		
Title		Research Professor		
Scientific Field		Integrable systems and geometry		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Research Professor	2018.	Mathematical Institute of the Serbian Academy of Sciences and Arts	Mathematics	-
PhD	2003.	Faculty of Mathematics, University of Belgrade	Mathematics	-
MSc	1997.	Faculty of Mathematics, University of Belgrade	Mathematics	-
Master Degree	1993.	Faculty of Mathematics, University of Belgrade	Mathematics	-.

NO	**Code**	**Name of the subject**
1		Introduction to Riemann surfaces and algebraic curves
2		Symplectic geometry and analytic mechanics
3		Lie groups and algebras

Representative references (minimum 10, maximum 20)		
1	Dragović, Vladimir ; Radnović, Milena. Billiards Within Ellipsoids in the 4-Dimensional Pseudo-Euclidean Spaces. Regular and Chaotic Dynamics, 2023, 28(1); 14-43 https://doi.org/10.1134/S1560354723010033	M22
2	Heu, Viktoria; Joshi, Nalini; Radnović, Milena. Global Asymptotics of the Sixth Painlevé Equation in Okamoto's Space. Forum of Mathematics. Sigma, 2023, 11, e17 https://doi.org/10.1017/fms.2023.11	M21
3	Dragović, Vladimir ; Radnović, Milena. Resonance of ellipsoidal billiard trajectories and extremal rational functions. Advances in Mathematics, 2023, 424; 109044 https://doi.org/10.1016/j.aim.2023.109044	M21
4	Dragović, Vladimir ; Gasiorek, Sean; Radnović, Milena. Billiard Ordered Games and Books. Regular and Chaotic Dynamics, 2022, 27(2); 132-150 https://doi.org/10.1134/S1560354722020022	M22
5	Dragović, Vladimir ; Gasiorek, Sean; Radnović, Milena. Integrable billiards on a Minkowski hyperboloid: extremal polynomials and topology. Sbornik Mathematics, 2022, 213(9); 1187-1221 https://doi.org/10.4213/sm9662e	M22
6	Andrews, George E.; Dragović, Vladimir ; Radnović, Milena. Combinatorics of periodic ellipsoidal billiards. Ramanujan Journal, 2021, 61, 135–147 https://doi.org/10.1007/s11139-020-00346-y	M21
7	Dragović, Vladimir ; Radnović, Milena. Periodic Ellipsoidal Billiard Trajectories and Extremal Polynomials. Communications in Mathematical Physics, 2019, 372(1); 183-211 https://doi.org/10.1007/s00220-019-03552-y	M21
8	Adabrah, Anani Komla; Dragović, Vladimir ; Radnović, Milena. Periodic Billiards Within Conics in the Minkowski Plane and Akhiezer Polynomials. Regular and Chaotic Dynamics, 2019, 24(5); 464-501 https://doi.org/10.1134/S1560354719050034	M21
9	Dragović, Vladimir ; Radnović, Milena. Caustics of Poncelet Polygons and Classical Extremal Polynomials. Regular and Chaotic Dynamics, 2019, 24(1), 1-35 https://doi.org/10.1134/S1560354719010015	M21
10	Dragović, Vladimir ; Radnović, Milena. Pseudo-integrable billiards and double reflection nets. Russian Mathematical Surveys, 2015, 70(1); 1-31 https://doi.org/10.1070/rm2015v070n01abeh004935	M21a

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	178 (SCOPUS)	
Total number of papers from the SCI (SSCI) list	32	
Current participation in projects	Domestic : 1	International : 2
Specializations		
Other relevant information:		
Maximal lenght cannot be more that one A4 page		

Name and surname		Milica Kolundžija		
Title		Assistant professor		
Scientific Field		matehmatics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Assistant Professor	2019.	University of Niš	matehmatics	matehmatics
PhD	2013.	University of Niš	matehmatics	matehmatics
Master Degree	2006.	University of Niš	matehmatics	matehmatics

NO	**Code**	**Name of the subject**
	M1659	Spectral theory of operators

Representative references (minimum 10, maximum 20)		
1	Djordjević, Dragan S.; Kolundžija, Milica Z.; Mohammadzadeh Karizaki, Mehdi. Convergence of certain subsequences of the power sequence in a Banach algebra. Filomat, 2023, 37(19), 6387-6394. https://doi.org/10.2298/FIL2319387D	M22
2	Mosić, Dijana; Kolundžija, Milica Z. Weighted CMP inverse of an operator between Hilbert spaces. Rev. Real. Acad Cienc, Serie A. Matemáticas, 2019, 113(3), 2155-2173. https://doi.org/10.1007/s13398-018-0603-z	M21a
3	Kolundžija, Milica Z. Generalized Sherman-Morrison-Woodbury formula for the generalized Drazin inverse in Banach algebra. Filomat, 2017, 31(16), 5159-5167. https://doi.org/10.2298/FIL1716159K	M22
4	Kolundžija, Milica Z.; Mosić, Dijana; Djordjević, Dragan S. Generalized Drazin inverse of certain block matrices in Banach algebras. Bull. Iranian Math. Soc., 2015, 41(2), 529-542.	M23
5	Kolundžija, Milica Z.; Mosić, Dijana; Djordjević, Dragan S. Further results on the generalized Drazin Inverse of block matrices in Banach algebras. Bull. Malaysian Math. Sci. Soc., 2015, 38(2), 483-498. doi: 10.1007/s40840-014-0032-x	M21
6	Kolundžija, Milica Z. (p,q)-outer generalized inverse of block matrices in Banach algebras. Banach J. Math. Anal., 2014, 8(1), 98-108. doi: 10.15352/bjma/1381782090	M21
7	Djordjević, Dragan S.; Kolundžija, Milica Z. Right and left Fredholm operator matrices, B. Korean Math. Soc., 2013, 50(3), 1021-1027. doi: 10.4134/BKMS.2013.50.3.1021	M23
8	Djordjević, Dragan S.; Kolundžija, Milica Z. Generalized invertibility of operator matrices, Arkiv för matematik, 2012, 50(2), 259-267. doi: 10.1007/s11512-011-0152-6	M21
9.	**Milica Z. Kolundžija**, Outer generalized inverses with prescribed idempotent of block matrices in Banach algebras, 13th Serbian Mathematical Congress, Vrnjačka Banja, 2014, Serbia	M34
10.	Snežana M. Ilić, **Milica Z. Kolundžija**, Osnovi teorije brojeva i polinoma, Niš, 2019.	уџбеник

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	18	
Total number of papers from the SCI (SSCI) list	7	
Current participation in projects	Domestic : 1	International :
Specializations		
Other relevant information:		
Maximal lenght cannot be more that one A4 page		

Name and surname		Miljana Jovanović		
Title		full professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2012	Faculty of Sciences and Mathematics, University of Niš	Mathematics	Mathematics
PhD	2002	Faculty of Sciences and Mathematics, University of Niš	Mathematics	Mathematics
MSc	1995	Faculty of Philosophy, University of Niš	Mathematics	Mathematics
Master Degree				
Master Degree	1990	Faculty of Philosophy, University of Niš	Mathematics	Mathematics

BSc

NO	**Code**	**Name of the subject**
1		Stochastic differential equations
2		Stability theory of stochastic differential equations

Representative references (minimum 10, maximum 20)

1	Stanković, Miljana; Jovanović, Miljana. The environmental effect on dynamics of the competition model with herd behavior. Discrete and Continuous Dynamical Systems - B, 2023, 28(6), 3747–3767. https://doi.org/10.3934/dcdsb.2022239	M22
2	Trifunović, Teodora; Jovanović Miljana; Milošević Marija. The generalized Khasminskii-type conditions in establishing existence, uniqueness and moment estimates of solution to neutral stochastic functional differential equations. Filomat, 2023, 27(24), **8157–8174**. https://doi.org/ 10.2298/FIL2324157T	M22
3	Đorđević, Dušan; Jovanović Miljana. On the approximations of solutions to stochastic differential equations under polynomial condition. Filomat, 2021, 35(1), 11-25. https://doi.org/ 10.2298/FIL2101011D	M22
4	Jovanović, Miljana; Vujović, Vuk. Stability of stochastic heroin model with two distributed delays. Discrete and Continuous Dynamical Systems - B, 2020, 25(7), 2407–2432. https://doi.org/ 10.3934/dcdsb.2020016	M22
5	Jovanović, Miljana; Krstić Marija. Extinction in stochastic predator-prey population model with Allee effect on prey. Discrete and Continuous Dynamical Systems - B, 2017, 22(7), 2651–2667. https://doi.org/10.3934/dcdsb.2017129	M21
6	Jovanović, Miljana; Krstić Marija. The influence of time-dependent delay on behavior of stochastic population model with the Allee effect. Applied Mathematical Modelling, 2015, 39(2), 733–746. **https://doi.org/10.1016/j.apm.2014.06.019**	M21
7	Jovanović, Miljana; Krstić Marija. Analysis of non-autonomous stochastic Gompertz model with delay. Applied Mathematics and Computation, 2014, 242, 101-108. **https://doi.org/10.1016/j.amc.2014.05.046**	M21
8.	Miljana Jovanović, Marija Krstić, *Stochastically perturbed vector-borne disease models with direct transmission*, Applied Mathematical Modelling, 36 (11) (2012) 5214-5228.	M21
9.	Marija Milošević, Miljana Jovanović, *A Taylor polynomial approach in approximations of solution to pantograph stochastic differential equations with Markovian switching*, Mathematical and Computer Modelling, 53 (1-2) (2011) 280-293.	M21
10.	Marija Milošević, Miljana Jovanović, *An application of Taylor series in the approximation of solutions to stochastic differential equations with time-dependent delay*, Journal of Computational and Applied Mathematics, 235 (15) (2011) 4439–4451.	M21

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	250	
Total number of papers from the SCI (SSCI) list	24	
Current participation in projects	Domestic : 1	International :
Specializations		

Other relevant information :

Учешће у билатералном пројекту Републике Србије и Републике Хрватске под називом "Примењени стохастички модели са краткорочном и дугорочном структуром зависности", 2019-

Name and surname		Miloš Kurilić, PhD		
Title		Full Proffesor		
Scientific Field		Analysis and Probability		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor Associate Professor Assistant Professor	2004.	Faculty of Science, N. Sad	Mathematics	Analysis and Probability
PhD	1994.	Faculty of Science, N. Sad	Mathematics	Topology
MSc	1993.	Faculty of Science, N. Sad	Mathematics	Topology
BSc	1986.	Faculty of Science, N. Sad	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
1		Boolean Algebras

Representative references (minimum 10, maximum 20)		
1	Kurilić, Miloš S.; Kuzeljević, Boriša. Antichains of copies of ultrahomogeneous structures. Arch. Math. Logic, 61 (2022) no. 5-6, 867–879. https://doi.org/10.1007/s00153-022-00817-7	M23
2	Kurilić, Miloš S. Vaught's conjecture for theories admitting finite monomorphic decompositions. Fund. Math. 256 (2022) no. 2, 131–169. DOI: https://doi.org/10.4064/fm967-11-2020	M23
3	Kurilić, Miloš S. Vaught's conjecture for almost chainable theories. J. Symb. Log. 86 (2021) no. 3, 991–1005. https://doi.org/10.1017/jsl.2021.60	M23
4	Kurilić, Miloš S.; Morača, Nenad. Reversibility of disconnected structures. Algebra Universalis 82 (2021), no. 3, Paper No. 38, 17 pp. https://doi.org/10.1007/s00012-021-00728-3	M23
5	Kurilić, Miloš S.; Kuzeljević, Boriša. Positive families and Boolean chains of copies of ultrahomogeneous structures. C. R. Math. Acad. Sci. Paris 358 (2020) no. 7, 791–796 10.5802/crmath.82	M22
6	Kurilić, Miloš S.; Morača, Nenad. Reversibility of extreme relational structures. Arch. Math. Logic 59 (2020), no. 5-6, 565–582. https://doi.org/10.1007/s00153-019-00703-9	M22
7	Kurilić, Miloš S.; Morača, Nenad. Reversible disjoint unions of well orders and their inverses. Order 37 (2020), no. 1, 73–81. https://doi.org/10.1007/s11083-019-09493-4	M23
8	Kurilić, Miloš S.; Todorčević, Stevo. Posets of copies of countable non-scattered labeled linear orders. Order 37 (2020), no. 1, 59–72. https://doi.org/10.1007/s11083-019-09492-5	M23
9	Kurilić, Miloš S. Vaught's conjecture for monomorphic theories. Ann. Pure Appl Logic 170 (2019), no. 8, 910–920. https://doi.org/10.1016/j.apal.2019.04.012	M21a
10	Kurilić, Miloš S.; Todorčević, Stevo. Copies of the random graph. Adv. Math. 317 (2017), 526–552. https://doi.org/10.1016/j.aim.2017.06.037	M21a

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	151, without self-citations 63	
Total number of papers from the SCI (SSCI) list	50	
Current participation in projects	Domestic : 2	International :
Specializations		
Other relevant information:		
Maximal lenght cannot be more that one A4 page		

Name and surname		Miodrag Đorđević		
Title		assistant professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Assistant Professor	2017.	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics
PhD	2016.	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics
Master Degree	1999.	Faculty of Philosophy, University of Niš	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
1		Monte Carlo method

Representative references (minimum 10, maximum 20)

1.	Miodrag S. Djordjević, Miroslav M. Ristić, Bogdan Pirković ; Identifying latent components of the TINAR(1)model; FILOMAT, Vol 35, No 13 (2021), p4469–4482 https://doi.org/10.2298/FIL2113469D	M22
2.	Aleksandar S. Nastić, Miroslav M. Ristić and Miodrag S. Djordjević ; An INAR model with discrete Laplace marginal distributions; BRAZILIAN JOURNAL OF PROBABILITY AND STATISTICS, Vol. 30(1), 2015, p107-126. https://projecteuclid.org/euclid.bjps/1453211805	M23
3.	Miodrag S. Djordjević ; An extension on INAR models with discrete Laplace marginal distributions; COMMUNICATIONS IN STATISTICS – THEORY AND METHODS, http://dx.doi.org/10.1080/03610926.2015.1115071	M23
4.	Miodrag S. Djordjević ; A combined SDLINAR(p) model and identification and prediction of its latent components; FACTA UNIVERSITATIS,SERIES: MATHEMATICS AND INFORMATICS, Vol 31, No 5 (2016) , p919-946 DOI: 10.22190/FUMI1605919D	M51
5.	Nikola Velimirović, Dragoslav Stojić, Miodrag DJordjević, Gordana Topličić-Ćurčić; Time-dependent Reliability Analysis of Timber-Concrete Composite Beams; PERIODICA POLYTECHNICA CIVIL ENGINEERING, vol 61 No.4, 2017, p.718-726 https://doi.org/10.3311/PPci.10276	M23
6.	Snezana Tesic Rajkovic, Biljana Radovanovic Dinic, Miodrag Djordjevic, Goran Marjanovic and Sasa Grgov, Prediction of acute pancreatitis severity via the combined analysis of inflammatory biomarkers and coagulation parameters, REVISTA ROMANA DE MEDICINA DE LABORATOR, Volume 25 (2017): Issue 3 (July 2017) DOI: https://doi.org/10.1515/rrlm-2017-0022	M23
7.	Miroljub Grozdanovic, Dobrivoje Marjanovic, Goran L Janackovic,and Miodrag Djordjevic; The impact of character/background colour combinations and exposition on character legibility and readability on video display units; TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, 2016 https://doi.org/10.1177/0142331216640601	M23
8.	Milena Nikolić, Aleksandra Pavlović, Snežana Mitić, Snežana Tošić, Emilija Pecev Marinković, Miodrag Đorđević, Ružica Micić ; Optimization and validation of inductively coupled atomic emission spectrometry method for macro and trace element determination in berry fruit samples; ANALYTICAL METHODS vol8, 2016, p 4844-4852 http://pubs.rsc.org/en/Content/ArticleLanding/2016/AY/C6AY00707D	M22
9.	Ana Savić, Vladimir Ranđelović, Miodrag Đorđević, Branko Karadžić, Mrđan Đokić, Jasmina Krpo-Ćetković; The influence of environmental factors on the structure of caddisfly (Trichoptera) assemblage in the Nišava River (Central Balkan Peninsula) ; KNOWLEDGE AND MANAGEMENT OF AQUATIC ECOSYSTEMS, Vol. 409 (03), 2013, 18 pages http://dx.doi.org/10.1051/kmae/2013051	M22
10.	Dragan Stanković, Vesna Nikolić, Miodrag Djordjević, Dac-Buu Cao; A survey study of critical success factors in agile software projects in former Yugoslavia IT companies ; JOURNAL OF SYSTEMS AND SOFTWARE, , Vol. 86, 2013, p 1663-1678 http://dx.doi.org/10.1016/j.jss.2013.02.027	M21

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	173	
Total number of papers from the SCI (SSCI) list	15	
Current participation in projects	Domestic : 1	International : 0

Name and surname	Miodrag Mihaljević			
Title	Research Professor			
Scientific Field	Computer Science (Cryptology and Information Security)			
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Research Professor	1999.	Mathematical Institute SANU	Computer Science	
PhD	1990.	Military Technical Academy, Zagreb	Telecommunications / Computer Sci	
MSc	1981.	School of Electrical Engineering, Belgrade	Telecommunications / Computer Sci	
BSc	1979.	School of Electrical Engineering, Belgrade	Telecommunications	

NO	**Code**	**Name of the subject**
		Криптологија I
		Криптологија II
		Блокчејн

Representative references (minimum 10, maximum 20)		
1	Mihaljević, Miodrag J. ; Knežević, Milica ; Urošević, Dragan ; Wang, Lianhai; Xu, Shujiang. An Approach for Blockchain and Symmetric Keys Broadcast Encryption Based Access Control in IoT, 2023, Symmetry; 15(2); 299 https://doi.org/10.3390/sym15020299	M22
2	Zhang, Shuhui; Hu, Changdong; Wang, Lianhai; Mihaljević, Miodrag J. ; Xu, Shujiang; Lan, Tian. A Malware Detection Approach Based on Deep Learning and Memory Forensics. Symmetry, 2023, 15(3); 758 https://doi.org/10.3390/sym15030758	M22
3	Mihaljević, Miodrag J. ; Todorović, Milan ; Knežević, Milica. An Evaluation of Power Consumption Gain and Security of Flexible Green Pool Mining in Public Blockchain Systems. Symmetry, 2023, 15(4); 924 https://doi.org/10.3390/sym15040924	M22
4	Mihaljević, Miodrag J. Blokčejn tehnologija za napredne elektroenergetske mreže. Energetika i klimatske pomene : uloga nuklearne energetike u energetskoj tranziciji, 2023, 97-119. ISBN 978-86-7025-974-4	M14
5	Mihaljević, Miodrag J. ; Wang, Lianhai; Xu, Shujiang. An Approach for Security Enhancement of Certain Encryption Schemes Employing Error Correction Coding and Simulated Synchronization Errors. Entropy, 2022, 24(3); 406 https://doi.org/10.3390/e24030406	M22
6	Mihaljević, Miodrag J. ; Radonjić, Aleksandar; Wang, Lianhai; Xu, Shujiang. Security Enhanced Symmetric Key Encryption Employing an Integer Code for the Erasure Channel. Symmetry, 2022, 14(8); 1709 https://doi.org/10.3390/sym14081709	M22
7	Mihaljević, Miodrag J. ; Wang, Lianhai; Xu, Shujiang; Todorović, Milan. An Approach for Blockchain Pool Mining Employing the Consensus Protocol Robust against Block Withholding and Selfish Mining Attacks. Symmetry, 2022, 14(8); 1711 https://doi.org/10.3390/sym14081711	M22
8	Tomović, Siniša ; Knežević, Milica ; Mihaljević, Miodrag J. Analysis and Correction of the Attack against the LPN-Problem Based Authentication Protocols. Mathematics, 2021, 9(5); 573 https://doi.org/10.3390/math9050573	M21a
9	Knežević, Milica ; Tomović, Siniša ; Mihaljević, Miodrag J. Man-In-The-Middle Attack against Certain Authentication Protocols Revisited: Insights into the Approach and Performances Re-Evaluation. Electronics, 2020, 9(8); 1-23 https://doi.org/10.3390/electronics9081296	M22
10	Mihaljević, Miodrag J. A Blockchain Consensus Protocol Based on Dedicated Time-Memory-Data Trade-Off. IEEE Access, 2020, 8; 141258-141268 DOI: 10.1109/ACCESS.2020.3013199	M21

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	више 1000, WoS	
Total number of papers from the SCI (SSCI) list	58	
Current participation in projects	Domestic : 1	International : 1 (China)
Specializations	The University of Tokyo, Japan	
Other relevant information:		

Name and surname		**Miroslav D. Ćirić**		
Title		Full professor		
Scientific Field		Mathematical sciences, computer sciences		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2000	Faculty of Science in Niš	Mathematics computer sciences	Mathematics computer sciences
PhD	1991	Faculty of Mathematics in Belgrade	Mathematics	Mathematics
MSc	1990	Faculty of Science in Novi Sad	Mathematics	Mathematics
BSc	1988	Faculty of Philosophy in Niš	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
1.		General algebra
2.		Semigroup theory
3.		Relational systems

Representative references (minimum 10, maximum 20)		
1.	Ćirić, Miroslav; Ignjatović, Jelena; Stanimirović, Predrag. Outer inverses in semigroups belonging to the prescribed Green's equivalence classes. SEMIGROUP FORUM, 2023, 107, 251–293. https://doi.org/10.1007/s00233-023-10382-x	M23
2.	Ćirić, Miroslav; Ignjatović, Jelena; Popović, Žarko; Stamenković, Aleksandar. Positive Fuzzy Quasi-Orders on Semigroups. FILOMAT, 2023, 37(5), 1341–1365. https://doi.org/10.2298/FIL2305341C	M22
3.	Stankovic, Marko; Ćirić, Miroslav; Ignjatović, Jelena. Hennessy-Milner Type Theorems for Fuzzy Multimodal Logics Over Heyting Algebras. JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, 2022, 39(2–4), 341–379. https://www.oldcitypublishing.com/journals/mvlsc-home/mvlsc-issue-contents/mvlsc-volume-39-number-2-4-2022/mvlsc-39-2-4-p-341-379/	M21a
4.	Stamenković, Aleksandar; Ćirić, Miroslav; Djurdjanović, Dragan. Weakly Linear Systems for Matrices over the Max-plus Quantale. DISCRETE EVENT DYNAMIC SYSTEMS: THEORY AND APPLICATIONS, 2022, 32(1), 1–25. https://doi.org/10.1007/s10626-021-00342-4	M21
5.	Stanimirović, Predrag S; Ćirić, Miroslav; Lastra, Alberto; Sendra, Juan Rafael; Sendra, Juana. Representations and Symbolic Computation of Generalized Inverses over Fields. APPLIED MATHEMATICS AND COMPUTATION, 2021, 406, 126287. https://doi.org/10.1016/j.amc.2021.126287	M21a
6.	Stanimirović, Predrag S.; Ćirić, Miroslav; Katsikis, Vasilios N.; Li, Chaoquian; Ma, Haifeng. Outer and (b,c) Inverses of Tensors. LINEAR AND MULTILINEAR ALGEBRA, 2020, 68(5), 940–971. https://doi.org/10.1080/03081087.2018.1521783	M21
7.	Stamenković, Aleksandar; Ćirić, Miroslav; Bašić, Milan. Ranks of Fuzzy Matrices. Applications in State Reduction of Fuzzy Automata. FUZZY SETS AND SYSTEMS, 2018, 333, 124–139. https://doi.org/10.1016/j.fss.2017.05.028	M21a
8.	Stanimirović, Predrag S.; Ćirić, Miroslav; Stojanović, Igor; Gerontitis, Dimitrios. Conditions for Existence, Representations, and Computation of Matrix Generalized Inverses. COMPLEXITY, 2017, 2017, 6429725., https://doi.org/10.1155/2017/6429725	M21a
9.	Stanković, Ivan; Ćirić, Miroslav; Ignjatović, Jelena. Fuzzy Relation Equations and Inequalities with Two Unknowns and Their Applications. FUZZY SETS AND SYSTEMS, 2017, 322, 86–105. https://doi.org/10.1016/j.fss.2017.03.011	M21a
10.	Ignjatović, Jelena; Ćirić, Miroslav; Šešelja, Branimir; Tepavčević, Andreja. Fuzzy Relational Inequalities and Equations, Fuzzy Quasi-Orders, Closures and Openings of Fuzzy Sets. FUZZY SETS AND SYSTEMS, 2015, 260, 1–24. https://doi.org/10.1016/j.fss.2014.05.006	M21a

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	Web of Science: 1013 (727), Scopus 902 (595)	
Total number of papers from the SCI (SSCI) list	92	
Current participation in projects	Domestic : 2	International : 2
Specializations	University of Szeged (1997), University of Potsdam (1998), Chinese University of Hong Kong (2002), Aristotle University of Thessaloniki (2017), University of Leipzig (2018, 2019), University of Sofia (2020);	

Name and surname		Miroslav Ristić		
Title		full professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2012	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics
PhD	2002	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics
MSc	2000	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics
BSc	1995	Faculty of Sciences and Mathematics Niš	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
1.		Time Series Analysis

Representative references (minimum 10, maximum 20)		
1	Popović, B.V., Ristić, M.M., Genç, A.I. Dependence Properties of Multivariate Distributions with Proportional Hazard Rate Marginals, Applied Mathematical Modelling, 2020, 77(1), 182-198. DOI: 10.1016/j.apm.2019.07.030.	M21a
2	Aleksić, M.S., Ristić, M.M. A geometric minification integer-valued autoregressive model, Applied Mathematical Modelling, 2021, 90, 265-280. DOI: 10.1016/j.apm.2020.08.047.	M21a
3	Popović, P.M., Bakouch, H.S., Ristić, M.M. A non-linear random environment INAR(1) model, Journal of Computational and Applied Mathematics, 2021, 390, 113408-113408. DOI: 10.1016/j.cam.2021.113408.	M21
4	Petra, L., Nastić, A., Ristić, M.M. Generalized random environment INAR models of higher order. Mediterranean Journal of Mathematics, 2018, 15(1), no. 9. DOI: 10.1007/s00009-017-1054-z	M21
5	Altun, E., Cordeiro, G., Ristić, M.M. An one parameter compounding discrete distribution, Journal of Applied Statistics, 2022, 49(8), 1935-1956, DOI:10.1080/02664763.2021.1884846.	M22
6	Sunecher, Y., Mamode Khan, N., Ristić, M.M., Jowaheer, V. BINAR(1) negative binomialmodel for bivariate non-stationary time series with different over-dispersion indices, Statistical Methods and Applications, 2019, 28, 625-653. DOI: 10.1007/s10260-019-00454-0.	M22
7	Ristić, M.M., Sunecher, Y., Mamode Khan, N., Jowaheer, V. A GQL-Based Inference in Non-Stationary BINMA(1) Time Series, Test, 2019, 28, 969-998. DOI: 10.1007/s11749-018-0615-1.	M22
8	Nastic, A., Ristić, M.M., Janjić, A. A mixed thinning based geometric INAR(1) model. Filomat, 2017, 31(13), 4009–4022. https://doi.org/10.2298/FIL1713009N	M22
9	Nastić, A., Laketa, P., Ristić, M.M., Random Environment Integer-Valued Autoregressive process, Journal of Time Series Analysis, 2016, 37(2), 267–287. https://doi.org/10.1111/jtsa.12161	M22
10	Popović, P., Ristić, M.M., Nastić, A. A geometric bivariate time series with different marginal parameters, Statistical Papers, 2016, 57(3), 731–753. https://doi.org/10.1007/s00362-015-0677-z	M22

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	SCOPUS: 767	
Total number of papers from the SCI (SSCI) list	54	
Current participation in projects	Domestic : 1	International :
Specializations		

Other relevant information : SCOPUS h-Index=16, citations 767 (SCOPUS). Editor-of-Chief of Statistica Neerlandica (M23), Member of editorial boards of: Statistical Papers (M21), Journal of Applied Statistics (M22), Communications in Statistics – Theory and Methods (M23), Communications in Statistics –Simulation and Computation (M23) Advisor of over 15 masterv theses and 5 PhDs.

Name and surname		**Nada Ž. Damljanović**		
Title		Associate Professor		
Scientific Field		Mathematical sciences		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Associate Professor	2017.	Faculty of Technical Sciences Čačak	Mathematics	Mathematics
PhD	2012.	Faculty of Science and Mathematics Niš	Mathematics	Mathematics
MSc	2007.	Faculty of Science and Mathematics Niš	Mathematics	Mathematics
BSc	2002.	Faculty of Mathematics Belgrade	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
2.		Semiring theory
3.	DE2012	Selected chapters of abstract algebra
4.	DM0017	Mathematical Modeling
5.	DI0018	Fuzzy sets and Systems

Representative references (minimum 10, maximum 20)

1.	Baradol, Pravin; Gopal, Dhananjay; Damljanović, Nada. A new fixed point result in graphical bv(s)-metric space with application to differential equations, KRAGUJEVAC JOURNAL OF MATHEMATICS, 2024, 48 (3), 441–451.	M24
2.	Micić, Ivana; Damljanović, Nada; Jančić, Zorana. Authomated method for designing fuzzy systems, FACTA UNIVERSITATIS, SERIES: MATHEMATICS AND INFORMATICS, 2020, 35 (5), 1357-1368, https://doi.org/10.22190/FUMI2005357M.	M52
3.	Petrović, Predrag; Damljanović, Nada. Dynamic Phasors Estimation Based on Taylor-Fourier Expansion and Gram Matrix Representation, MATHEMATICAL PROBLEMS IN ENGINEERING, 2018, Volume 2018: Article ID 7613814, 17 pages. https://doi.org/10.1155/2018/7613814	M22
4.	Miljković, Boža; Žižović, Mališa; Petojević, Aleksandar; Damljanović, Nada. New Weighted Sum Model, FILOMAT, 2017, 31(10), 2991-2998. https://doi.org/10.2298/FIL1710991M	M22
5.	Žižović, Mališa, Damljanović, Nada; Žižović, Miodrag. Multi-criteria decision making method for models with the dominant criterion, FILOMAT, 2017, 31(10), 2981–2989. https://doi.org/10.2298/FIL1710981Z	M22
6.	Damljanović, Nada; Djurčić, Dragan; Žižović, Mališa. Exponent of convergence for double sequences and selection principles, FILOMAT, 2017, 31(9), 2821–2825. https://doi.org/10.2298/FIL1709821D	M22
7.	Petrović, Predrag; Damljanović, Nada. New procedure for harmonics estimation based on Hilbert transformation, ELECTRICAL ENGINEERING, 2017, 99, 313–323. https://doi.org/10.1007/s00202-016-0434-x	M23
8.	Žižović, Mališa; Damljanović, Nada; Žižović, Miodrag. Multiplicative multi-criteria analysis method for decision-making, MAEJO INTERNATIONAL JOURNAL OF SCIENCE AND TECHNOLOGY, 2016, 10(2), 233-241.	M23
9.	Žižović, Mališa; Damljanović, Nada; Nikolić, Rale; Vujičić, Momčilo. Multi-criteria decision making method of minimal suitable values, MATHEMATICA MORAVICA, (2016), 20(2), 99-107. http://dx.doi.org/10.5937/MatMor1602099Z	M52
10.	Damljanović, Nada; Ćirić, Miroslav; Ignjatović, Jelena. Bisimulations for weighted automata over an additively idempotent semiring, THEORETICAL COMPUTER SCIENCE, 2014, 534, 86-100. https://doi.org/10.1016/j.tcs.2014.02.032	M23

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	Web of Science:177 (170), Scopus: 174 (167)	
Total number of papers from the SCI (SSCI) list	13	
Current participation in projects	Domestic : 2	International :
Specializations	University of Lepzig (2019).	
Other relevant information:		

Name and surname		Nataša Krejić		
Title		full professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2004	Faculty of Sciences University of Novi Sad	Mathematics	Numerical Mathematics
PhD	1994	Faculty of Sciences University of Novi Sad	Mathematics	Numerical Mathematics
MSc	1992	Faculty of Sciences University of Novi Sad	Mathematics	Numerical Mathematics
Master Degree	1989	Faculty of Sciences University of Novi Sad	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
1		Numerical Optimization

Representative references (minimum 10, maximum 20)

1	Krejić, N. Malaspina, G., Swaenen, L., A split Levenberg-Marquardt method for large scale sparse problems, Computational Optimization and Applications, 2023, https://doi.org/10.1007/s10589-023-00460-9	M21
2	Jakovetić, D., Krejić, N., Krklec Jerinkić, N., EFIX: Exact Fixed Point Methods for Distributed Optimization, Journal of Global Optimization, 2022, https://doi.org/10.1007/s10898-022-01221-4	M21
3	Savić, M., Atanasijević, J., Jakovetić, D., Krejić, N.,Tax Evasion Risk Management Using a Hybrid Unsupervised Outlier Detection Method, EXPERT SYSTEMS WITH APPLICATIONS, (2022), vol. 193, https://doi.org/10.1016/j.eswa.2021.116409	M21a
4	Jakovetić, D., Krejić, N., Krklec Jerinkić, N., Malaspina, G., Micheletti, A., Distributed fixed point method for solving systems of linear algebraic equations, AUTOMATICA, vol. 134, (2021),https://doi.org/10.1016/j.automatica.2021.109924	M21
5	Birgin, E.G., Krejić, N.,Martínez, J.M.,Iteration and evaluation complexity on the minimization of functions whose computation is intrinsically inexact,Mathematics of Computation 89 (2020), 253-278, https://doi.org/10.1090/mcom/3445	M21
6	Bellavia, S., Krejić, N., Morini, B.,Inexact restoration with subsampled trust-region methods for finite-sum minimization, Computational Optimization and Applications 76(3), (2020), 701-736, https://doi.org/10.1007/s10589-020-00196-w	M21
7	Bellavia, S.,Krejić, N., Krklec Jerinkić, N., Subsampled Inexact Newton Methods for minimizing large sums of convex functions, IMA J. Numer. Anal. 40,4 (2020), 2309-2341,DOI:10.1093/IMANUM/DRZ027	M21
8	Krejić, N., Krklec Jerinkić, N., Spectral Projected Gradient Method for Stochastic Optimization, Journal of Global Optimization 73,1 (2019), 59-81, https://doi.org/10.1007/s10898-018-0682-6	M21
9	Bajović, D., Jakovetić, D., Krejić, N., Krklec Jerinkić, N., Newton-like method with diagonal correction for distributed optimization, SIAM J. Optimization, Vol. 27 No.2 (2017), 1171-1203, https://doi.org/10.1137/15M1038049	M21a
10	Krejić, N., Martinez, J.M., Inexact Restoration approach for minimization with inexact evaluation of the objective function, Mathematics of Computations, 85, 300 (2016), 1775-1791, http://dx.doi.org/10.1090/mcom/3025	M21

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	307	
Total number of papers from the SCI (SSCI) list	55	
Current participation in projects	Domestic : 2	International : 5
Specializations	State University of Campinas, SP, Brasil; University of Florence, Italy; Universidade Nova de Lisboa	
Other relevant information : President of European Consortium for Mathematics in Industry, 2021-2023.		

Name and surname		Nataša Krklec Jerinkić		
Title		Associate professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Associate Professor	2019.	Faculty of Sciences University of Novi Sad	Mathematics	Numerical Mathematics
PhD	2014.	Faculty of Sciences University of Novi Sad	Mathematics	Numerical Mathematics
MSc	2007.	Faculty of Sciences University of Novi Sad	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
1		Stochastic Optimization

Representative references (minimum 10, maximum 20)

1	Jakovetić Dušan, , Krejić Nataša, , Krklec Jerinkić Nataša, , Malaspina Greta, , & Micheletti Alessandra, . (2021). Distributed fixed point method for solving systems of linear algebraic equations. Automatica, 134, 109924–109924. https://doi.org/10.1016/j.automatica.2021.109924	M21a
2	Krejić Nataša, , Krklec Jerinkić Nataša, , & Ostojić Tijana, . (2022). Spectral projected subgradient method for nonsmooth convex optimization problems. Numerical Algorithms, 93(1), 347–365. https://doi.org/10.1007/s11075-022-01419-3	M21a
3	Krklec Jerinkić, N., Jakovetić, D., Krejić, N., & Bajović, D. (2020). Distributed Second-Order Methods With Increasing Number of Working Nodes. IEEE Transactions on Automatic Control, 65(2), 846–853. https://doi.org/10.1109/tac.2019.2922191	M21
4	Jakovetić Dušan, , Krejić Nataša, , & Krklec Jerinkić Nataša, . (2022). EFIX: Exact fixed point methods for distributed optimization. Journal of Global Optimization, 85(3), 637–661. https://doi.org/10.1007/s10898-022-01221-4	M21
5	Daniela di Serafino, , Krejić Nataša, , Krklec Jerinkić Nataša, , & Marco Viola, . (2022). LSOS: Line-search second-order stochastic optimization methods for nonconvex finite sums. Mathematics of Computation, 92(341), 1273–1299. https://doi.org/10.1090/mcom/3802	M21
6	Jakovetić Dušan, , Krejić Nataša, , & Krklec Jerinkic N., . (2022). A Hessian Inversion-Free Exact Second Order Method for Distributed Consensus Optimization. IEEE Transactions on Signal and Information Processing over Networks, 8, 755–770. https://doi.org/10.1109/TSIPN.2022.3203860	M21
7	Krejic, N., Krklec-Jerinkic, N., & Ostojic, T. (2023). An inexact restoration-nonsmooth algorithm with variable accuracy for stochastic nonsmooth convex optimization problems in machine learning and stochastic linear complementarity problems. JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, 423, 114943–114943. https://doi.org/10.1016/j.cam.2022.114943	M21
8	Bajović, D., Jakovetić, D., Krejić, N., & Krklec Jerinkić, N. (2017). Newton-like method with diagonal correction for distributed optimization. SIAM Journal on Optimization / Society for Industrial and Applied Mathematics, 27(2), 1171–1203. https://doi.org/10.1137/15m1038049	M21a
9	Bellavia, S., Krejić, N., & Krklec Jerinkić, N. (2020). Subsampled inexact Newton methods for minimizing large sums of convex functions. IMA Journal of Numerical Analysis / Institute of Mathematics and Its Applications, 40(4), 2309–2341. https://doi.org/10.1093/imanum/drz027	M21a
10	Krklec Jerinkić, N., & Rožnjik, A. (2020). Penalty variable sample size method for solving optimization problems with equality constraints in a form of mathematical expectation. Numerical Algorithms, 83(2), 701–718. https://doi.org/10.1007/s11075-019-00699-6	M21a

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	54	
Total number of papers from the SCI (SSCI) list	18	
Current participation in projects	Domestic : 2	International : 5
Specializations		
Other relevant information :		

Name and surname		Nebojša Dinčić		
Title		full professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2020	Faculty of Sciences and Mathematics, Niš	Mathematics	Mathematics
PhD	2011	Faculty of Sciences and Mathematics, Niš	Mathematics	Mathematics
Master Degree	2006	Faculty of Sciences and Mathematics, Niš	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
1.		Unbounded linear operators

Representative references (minimum 10, maximum 20)

1	Dinčić, Nebojša; Djordjević, Bogdan. Yang-Baxter-like matrix equation: a road less taken, In: Moslehian, M.S. (eds) Matrix and Operator Equations and Applications. Mathematics Online First Collections. Springer, Cham. 2023. Print ISBN 978-3-031-25385-0 Online ISBN 978-3-031-25386-7 https://doi.org/10.1007/16618_2023_49	M13
2	Dinčić, Nebojša; Djordjević, Bogdan. On the intrinsic structure of the solution set to the Yang-Baxter-like matrix equation. Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales. Serie A. Mathematicas, 2022, 116:2, article No 73. https://doi.org/10.1007/s13398-022-01214-8	M21a
3	Dinčić, Nebojša; Djordjević, Dragan. Survey on Reverse Order Laws for the Moore-Penrose Inverse of Hilbert Space Operators. Zbornik Radova, 2022, 20(28), 217-280, Matematički institut SANU, Beograd, ISBN: ISSN: 0351-9406, http://elib.mi.sanu.ac.rs/files/journals/zr/28/zrn28p217-280.pdf.	M14
4	Dinčić, Nebojša. Mixed-type reverse order law, ternary powers and functional calculus. Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas, 2020, 114, article No 10, https://doi.org/10.1007/s13398-019-00750-0	M21a
5	Dinčić, Nebojša. Solving the Sylvester equation AX-XB=C when $sigma(A)capsigma(B)neqemptyset$, Electronic Journal of Linear Algebra, 35 (2019), 1-23, https://doi.org/10.13001/1081-3810.3698	M22
6	Djordjević, Bogdan; Dinčić, Nebojša. Classification and Approximation of Solutions to Sylvester Matrix Equation, Filomat 33:13 (2019), 4261-4280, https://doi.org/10.2298/FIL1913261D	M22
7	Djordjević, Bogdan; Dinčić, Nebojša. Solving the operator equation AX-XB=C with closed A and B. Integral Equations and operator theory, 90, 51 (2018), https://doi.org/10.1007/s00020-018-2473-3	M22
8	Dinčić, Nebojša. Extending the Moore-Penrose inverse, Filomat, 30:2 (2016), 419-428, DOI 10.2298/FIL1602419D	M22
9	Rakić, Dragan; Dinčić, Nebojša; Djordjević, Dragan. Core inverse and core partial order of Hilbert space operators. Applied Mathematics and Computation, 244 (2014), 283-302. https://doi.org/10.1016/j.amc.2014.06.112	M21
10	Rakić, Dragan; Dinčić, Nebojša; Djordjević, Dragan. Group, Moore–Penrose, core and dual core inverse in rings with involution, Linear Algebra and Its Applications, 463 (2014), 115-133. https://doi.org/10.1016/j.laa.2014.09.003	M21

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	201 (Scopus)	
Total number of papers from the SCI (SSCI) list	16	
Current participation in projects	Domestic : 1	International : 0
Specializations		
Other relevant information:		

Name and surname		Nenad Teofanov		
Title		Full professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2010.	Faculty of Sciences University of Novi Sad	mathematics	Analysis and probability
PhD	2000.	Faculty of Sciences University of Novi Sad	mathematics	Analysis and probability
BSc	1992.	Faculty of Sciences University of Novi Sad	mathematics	Analysis and probability

NO	Name of the subject	BУ	Друга BУ	NO
1	Generalized functions	UNS PMF		
2	Microlocal analysis	UNS PMF		
3	Time-frequency analysis	UNS PMF		

Representative references (minimum 10, maximum 20)

1	ho Costa Dias, João Nuno Prata, Nenad Teofanov, Gabor products and a phase-space approach to nonlinear analysis, Analysis and Applications, 21 (2023), 1417-1446, https://doi.org/10.1142/S0219530523500252	M21a
2	ncesca Bartolucci, Stevan Pilipović, Nenad Teofanov, Continuity properties of the shearlet transform and the shearlet synthesis operator on the Lizorkin type spaces, Mathematische Nachrichten, 295 (2022), 2318-2337, https://doi.org/10.1002/mana.202000223	M22
3	nad Teofanov, Filip Tomic, Extended Gevrey regularity via weighted matrices, Axioms 2022, 11(10), 576, https://doi.org/10.3390/axioms11100576	M21
4	nad Teofanov, Joachim Toft, Patrik Wahlberg, Pseudo-differential operators with isotropic symbols, Wick and anti-Wick operators, and hypoellipticity, Journal des Mathématiques Pures et Appliquées, https://doi.org/10.1016/j.matpur.2022.09.002	M21a
5	er Balazs, Nenad Teofanov, Continuous frames in tensor product Hilbert spaces, localization operators and density operators, Journal of Physics A: Mathematical and Theoretical, 55 (2022), https://doi.org/10.1088/1751-8121/ac55eb	M21
6	nad Teofanov, Wilson bases and ultradistributions, Axioms, 2021, *10*(4), 241, https://doi.org/10.3390/axioms10040241	M22
7	van Pilipovic, Nenad Teofanov, Filip Tomic, Boundary values in ultradistribution spaces related to extended Gevrey regularity, Mathematics 2021, 9(1), 7, https://doi.org/10.3390/math9010007	M21a
8	lerico Bastianoni, Nenad Teofanov, Subexponential decay and regularity estimates for eigenfunctions of localization operators, Journal of Pseudo-Differential Operators and Applications, 12, 19 (2021), https://doi.org/10.1007/s11868-021-00383-1	M22
9	Ahmed Abdeljawad, Sandro Coriasco, Nenad Teofanov, Bilinear pseudo-differential operators with Gevrey-Hörmander symbols, Mediterranean Journal of Mathematics, 17, Article number: 120 (2020), https://doi.org/10.1007/s00009-020-01546-y	M21
10	van Pilipović, Dušan Rakić, Nenad Teofanov, Jasson Vindas, Multiresolution expansions and wavelets in Gelfand-Shilov spaces, RACSAM,114(2), 66 (2020), https://doi.org/10.1007/s13398-020-00789-4	M21a

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	254 (Scopus – 16.02.2022.)	
Total number of papers from the SCI (SSCI) list	20	
Current participation in projects	Domestic : MPNTR 451-03-68/2022-14/200125	International : TIFREFUS DS-15
Specializations	University of Vienna, University of Torino, Linnaeus University	
Other relevant information: Mentor of two defended doctoral dissertations		

Name and surname			Petar Marković		
Title			Full Professor		
Scientific Field			Mathematics, Algebra and Logic		
Academic Career		Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor		2015	PMF, Novi Sad	Mathematics	Algebra and Logic
PhD		2003	Vanderbilt University	Mathematics	Algebra and Logic
MSc		1999	Vanderbilt University	Mathematics	Algebra and Logic
BSc		1997	PMF, Novi Sad	Mathematics	Algebra and Logic

NO	**Code**	**Name of the subject**
1		Universal Algebra
2		Group Theory

Representative references (minimum 10, maximum 20)

1	Đapić, Petar; Marković, Petar; Prokić, Aleksandar. SMB Algebras I: On the variety of SMB algebras. Filomat, 2023, 37(13), pp. 4083–4101. https://doi.org/10.2298/FIL2313083P	M22
2	Larose, Benoit; Marković, Petar; Martin, Barnaby; Paulusma, Daniel; Smith, Siani; Živny, Stanislav. QCSP on Reflexive Tournaments. ACM Transactions on Computational Logic, 2022, 23(3), Paper No. 14, 22 pp. https://doi.org/10.1145/3508069	M21
3	Draganić, Nemanja; Marković, Petar; Uljarević, Vlado; Zahirović, Samir. A characterization of idempotent strong Mal'cev conditions for congruence meet-semidistributivity in locally finite varieties. Algebra Universalis, 2018, 79(3), Paper No. 53, 34 pp. https://doi.org/10.1007/s00012-018-0533-9	M22
4	Đapić, Petar; Marković, Petar; Martin, Barnaby. Quantified Constraint Satisfaction Problem on Semicomplete Digraphs. ACM Transactions on Computational Logic, 2017, 18(1), Paper No. 2, 47 pp. https://doi.org/10.1145/3007899	M21a
5	Jovanović, Jelena; Marković, Petar; McKenzie, Ralph. Optimal strong Mal'cev conditions for congruence meet-semidistributivity in locally finite varieties. Algebra Universalis, 2016, 76(3), pp. 305–325. https://doi.org/10.1007/s00012-016-0406-z	M22
6	Đapić, Petar; Marković, Petar. Residual Character of Quasilinear Varieties of Groupoids. Publications de l'Institut Mathématique 99, 2016, pp. 15–30. https://doi.org/10.2298/PIM1613015D	M23
7	Kurilić, Miloš; Marković, Petar. Maximal antichains of isomorphic subgraphs of the Rado graph.. Filomat, 2015, 29(9), pp. 1919–1923. https://doi.org/10.2298/FIL1509919K	M21
8	Marković, Petar. Problem konačne baze identiteta u Univerzalnoj algebri, prvi deo. University of Novi Sad, 2015, 123 pp. (Serbian, cyrillic). ISBN: 978-86-7031-373-9.	M41
9	Kearnes, Keith; Marković, Petar; McKenzie, Ralph. Optimal strong Mal'cev conditions for omitting type 1 in locally finite varieties. Algebra Universalis, 2014, 72(1), pp. 91-100. https://doi.org/10.1007/s00012-014-0289-9	M22
10	Đapić, Petar; Marković, Petar; Martin, Barnaby. QCSP on Semicomplete Digraphs. In: Proceedings of the 41st International Colloquium on Automata, Languages and Programming - ICALP '14 (Copenhagen, Denmark, July 2014), vol. 1, pp. 847-858. https://doi.org/10.1016/j.jde.2014.03.002	M33

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	301 (source: SCOPUS)	
Total number of papers from the SCI (SSCI) list	19	
Current participation in projects	Domestic : 2	International : 0
Specializations		
Other relevant information:		

Name and surname		Predarg M. Popović		
Title		associate professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Associate Professor	2021	University of Niš, *Faculty of Civil Engineering and Architecture*	Mathematics	Mathematics
PhD	2015	University of Niš, Faculty of Sciences and Mathematics	Mathematics	Mathematics
MSc	2009.	University of Belgrade, *Faculty of Economics*	Economics, Mathematics	Finance, Mathematics
BSc	2006.	University of Niš, Faculty of Sciences and Mathematics	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
1.		Statistical modeling

Representative references (minimum 10, maximum 20)		
1	Popović Predrag, Gocić Milan, Petković Katarina, Trajković Slaviša. Neural network based system in evapotranspiration time series prediction. *Earth Science Informatics*, *16*(1) (2023): 919-928, https://doi.org/10.1007/s12145-023-00935-7	M22
2	Popović Predrag, Bakouch Hassan, Ristić Miroslav. A non-linear random environment INAR (1) model. *Journal of Computational and Applied Mathematics*, *390* (2021): *113408,* https://doi.org/10.1016/j.cam.2021.113408	M21
3	Popović Predrag, Bakouch Hassan. A bivariate integer-valued bilinear autoregressive model with random coefficients, Statistical Papers 61 (2020): 1819-1840, https://doi.org/10.1007/s00362-018-1005-1	M22
4	Popović Predrag, Laketa Petra, Nastić Aleksandar. Forecasting with two generalized integer-valued autoregressive processes of order one in the mutual random environment, SORT - Statistics and Operations Research Transactions 43 (2) (2019), 337-354, https://raco.cat/index.php/SORT/article/view/361446	M22
5	Popović Predrag, Nastić Aleksandar, Ristić Miroslav. Residual analysis with bivariate INAR (1) models, REVSTAT–Statistical Journal 16 (3) (2018): 349-363, https://doi.org/10.57805/revstat.v16i3.246	M23
6	Popović Predrag, Ristić Miroslav, Nastić Aleksandar. A geometric bivariate time series with different marginal parameters, Statistical Papers 57 (3) (2016): 731-753, https://doi.org/10.1007/s00362-015-0677-z	M22
7	Popović Predrag. A bivariate INAR(1) model with different thinning parameters, Statistical Papers 57 (2) (2016): 517-538, https://doi.org/10.1007/s00362-015-0667-1	M22
8	Nastić Aleksandar, Ristić Miroslav, Popović Predrag. Estimation in a Bivariate Integer-Valued Autoregressive Process, Communications in Statistics – Theory and Methods, 45 (19) (2016), 5660-5678, https://doi.org/10.1080/03610926.2014.948203	M23
9	Stojanović Vladica, Popović Biljana, Popović Predrag. Model of general Split-break process, REVSTAT 13 (2015): 145-168, https://doi.org/10.57805/revstat.v13i2.169	M21
10	Stojanović Vladica, Popović Biljana, Popović Predrag. Stochastic analysis of GSB process, Publications de l'Institut Mathématique 95 (2014): 149-159, https://doi.org/10.2298/PIM1409149S	M23

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	SCOPUS: 54	
Total number of papers from the SCI (SSCI) list	11	
Current participation in projects	Domestic : 1	International :
Specializations		
Other relevant information :		

Name and surname		Predrag S. Stanimirović		
Title		Full professor		
Scientific Field		Computer science		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2003.	Faculty of Sciences and Mathematics Niš	Computer Science	Computer Sciences
PhD	1996.	Faculty of Philosophy Niš	Computer Science	Informatics
MSc	1990.	Faculty of Philosophy Niš		Informatics
BSc	1983.	Faculty of Philosophy Niš		Mathematics

NO	**Code**	**Name of the subject**
1		Time-varying nonlinear optimization

Representative references (minimum 10, maximum 20)

1	D. Mosić, D. Zhang, P.S. Stanimirović, An extension of the MPD and MP weak group inverses, Applied Mathematics and Computation, 465 (2024) 128429, https://doi.org/10.1016/j.amc.2023.128429.	M21a
2	X. Cao, C. Peng, Y. Zheng, S. Li, T. Ha, T. T. Thu; V. Shutyaev, V. Katsikis, P.S. Stanimirović, Neural Networks for Portfolio analysis in high-frequency trading, IEEE Transactions on Neural Networks and Learning Systems (2023), DOI: 10.1109/TNNLS.2023.3311169.	M21a
3	P.S. Stanimirović, S.D. Mourtas, D. Mosić, V.N. Katsikis, X. Cao, S. Li, Zeroing Neural Network approaches for computing time-varying minimal rank outer inverse, Applied Mathematics and Computation, 465 (2024) 128412, DOI: 10.1016/j.amc.2023.128412.	M21a
4	X. Cao, A. Fransis, X. Pu, Z. Zhang, V.N. Katsikis, P.S. Stanimirović, I Brajević, S. Li, A novel recurrent neural network based online portfolio analysis for high frequency trading, Expert Systems with Applications (ESWA), 223 (2023), doi: 10.1016/j.eswa.2023.120934.	M21a
5	T.E. Simos, V.N. Katsikis, S. Mourtas, P.S. Stanimirović, Solving time-varying nonsymmetric algebraic Riccati Equations with Zeroing Neural Dynamics, IEEE Transactions on Systems, Man, and Cybernetics: Systems, DOI: 10.1109/TSMC.2023.3284533.	M21a
6	T. Feliks, W.P. Hunek, P.S. Stanimirović, Application of generalized inverses in the minimum-energy perfect control theory, IEEE Transactions on Systems, Man and Cybernetics: Systems, 53(7) (2023), 4560-4575, 10.1109/TSMC.2023.3253778.	M21a
7	V.N. Katsikis, P.S. Stanimirović, S. Mourtas, L. Xiao, D. Karabašević, D. Stanujkić, Zeroing Neural Network with fuzzy parameter for computing pseudoinverse of arbitrary matrix, IEEE Transactions on Fuzzy Systems 30(9) (2022), 3426-3435, doi: 10.1109/TFUZZ.2021.3115969	M21a
8	D. Guo, S. Li, P. S. Stanimirović, Analysis and application of modified ZNN design with robustness against harmonic noise, IEEE Transactions on Industrial Informatics 16(7) (2020), 4627-4638.	M21a
9	P.S. Stanimirović, I. Živković, Y. Wei, Recurrent Neural Network for Computing the Drazin Inverse, IEEE Transactions on Neural Networks and Learning Systems, 26(11) (2015), 2830-2843.	M21a
10	V.N. Katsikis, S.D. Mourtas, P.S. Stanimirović, S. Li, X. Cao, Time-varying minimum-cost portfolio Insurance under transaction costs problem via Beetle Antennae Search algorithm (BAS), Applied Mathematics and Computation 385 (2020), https://doi.org/10.1016/j.amc.2020.125453.	M21a

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	2103	
Total number of papers from the SCI (SSCI) list	212	
Current participation in projects	Domestic : 2	International : 1
Specializations	University of Alcalá, under the frame of the university program "Giner de los Rios", 2019	
Other relevant information :		

Name and surname			Predrag Tanović	
Title			Research Professor	
Scientific Field			Mahematics	
Academic Career		Year	Institution	Scientific Field
Избор у звање		2015.	MI SASA	Mathematics
Докторат		1994.	McGill University, Montreal ,Canada	Mathematics
Диплома		1983.	Faculty of Sciences, Belgrade	Mathematics
No	Subjct			Врста студија
1	Model Theory			

Најзначајнији радови у складу са захтевима допунских стандарда за дато поље (минимално 10 не више од 20)		
1	Moconja, Slavko; Tanović, Predrag. Does weak quasi-o-minimality behave better than weak o-minimality? Archive for Mathematical Logic, 2021, 61, 81–103 https://doi.org/10.1007/s00153-021-00778-3	M22
2	Tanović, Predrag ; Moconja, Slavko; Ilić, Dejan. AROUND RUBIN'S "THEORIES OF LINEAR ORDER". The Journal of Symbolic Logic, 2020, 85(4); 1403-1426 https://doi.org/10.1017/jsl.2020.68	M22
3	Moconja, Slavko; Tanović, Predrag. Stationarily ordered types and the number of countable models. Annals of Pure and Applied Logic, 2020, 171(3), 102765 https://doi.org/10.1016/j.apal.2019.102765	M21
4	Moconja, Slavko; Tanović, Predrag. Asymmetric regular types. Annals of Pure and Applied Logic, 2015, 166(2); 93-120 https://doi.org/10.1016/j.apal.2014.09.003	M22
5	Sudoplatov, Sergey; Tanović, Predrag. Semi-isolation and the strict order property. Notre Dame Journal of Formal Logic, 2015, 56(4); 555-572 DOI: 10.1215/00294527-3153579	M22
6	Ilić, Dejan; Moconja, Slavko; Tanović, Predrag. Groups with finitely many countable models. Publications de l'Institut Mathematique, 2015, 97(111); 33-41 https://doi.org/10.2298/PIM140318001I	M24
7	Tanović, Predrag. Generically stable regular types. Journal of Symbolic Logic, 2015, 80(1); 308-321 https://doi.org/10.1017/jsl.2014.24	M22
8	Tanović, Predrag. Simple groups and the number of countable models. Archive for Mathematical Logic, 2013, 52(7-8); 779-791 https://doi.org/10.1007/s00153-013-0343-x	M23
9	Krupiński, Krzysztof; Tanović, Predrag ; Wagner, Frank. Around podewski's conjecture. Fundamenta Mathematicae, 2013, 222(2); 175-193 DOI: 10.4064/fm222-2-4	M22
10	K.Krupinski, P.Tanovič, F.O.Wagner. Around Podewski's conjecture, Fundamenta Mathematicae 222/2(2013)	M22

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	50	
Total number of papers from the SCI (SSCI) list	20	
Current participation in projects	Domestic 1	International
Specializations	Fields Institute, Toronto, Canada	
Other data		

Name and surname		Sanja Konjik		
Title		Full professor		
Scientific Field		Analysis and Probability		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2020.	Faculty of Sciences University of Novi Sad	Mathematics	Analysis and Probability
PhD	2008.	Faculty of Mathematics University of Vienna	Mathematics	Analysis
MSc	2003.	Faculty of Sciences University of Novi Sad	Mathematics	Analysis
BSc	1999.	Faculty of Sciences University of Novi Sad	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
1		Differential Geometry

Representative references (minimum 10, maximum 20)

1	Jolić, M., Konjik, S., Controllability and observability for linear time-varying fractional systems, *Frac. Calc. Appl. Anal.*, 26, 1709-1739, 2023, https://doi.org/10.1007/s13540-023-00171-2	M21a
2	Jolić, M., Konjik, S., Mitrović, D., On solvability for a class of nonlinear systems of differential equations with the Caputo fractional derivative, *Frac. Calc. Appl. Anal.*, 25, 2126-2138, 2022, https://doi.org/10.1007/s13540-022-00085-5	M21a
3	Djordjevic, J., Konjik, S., Mitrović, D., Novak, A., Global controllability for quasilinear non-negative definite system of ODEs and SDEs, *J. Optimization Theory Appl.*, 190, 316-338, 2021.	M21
4	Konjik, S., Oparnica, Lj., Zorica, D., Distributed order fractional constitutive stress-strain relation in wave propagation modeling, *Z. Angew. Math. Phys.*, 70:51, 2019, 10.1007/s00033-019-1097-z	M21
5	Atanacković, T. M., Konjik, S., Pilipović, S., Variational problems of Herglotz type with complex order fractional derivatives and less regular Lagrangian, *Acta Mech.*, 230, 4357-4365, 2019.	M22
6	Atanacković, T. M., Janev, M., Konjik, S., Pilipović, S., Complex fractional Zener model of wave propagation in $\R$, *Fract. Calc. Appl. Anal.*, 21(5), 1313-1334, 2018.	M21a
7	Atanacković, T. M., Janev, M., Konjik, S., Pilipović, S., Wave equation for generalized Zener model containing complex order fractional derivatives, *Contin. Mech. Thermodyn.*, 29(2), 569-583, 2017.	M21
8	Atanacković, T. M., Konjik, S., Pilipović, S., Zorica, D., Complex order fractional derivatives in viscoelasticity, *Mech. Time-Depend. Mater.*, 20(2), 175-195, 2016.	M21
9	Atanacković, T. M., Janev, M., Konjik, S., Pilipović, S., Zorica, D., Vibrations of an elastic rod on a viscoelastic foundation of complex fractional Kelvin-Voigt type, *Meccanica*, 50(7), 1679-1692, 2015.	M21
10	Atanacković, T. M., Janev, M., Konjik, S., Pilipović, S., Zorica, D., Expansion formula for fractional derivatives in variational problems, *J. Math. Anal. Appl.*, 409(2), 911-924, 2014.	M21

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	459 (Scopus)	
Total number of papers from the SCI (SSCI) list	25	
Current participation in projects	Domestic : 1	International : 1
Specializations	University of Vienna, Austria	
Other relevant information :		

Name and surname		Silvia Ghilezan		
Title		Full Professor		
Scientific Field		Pure and Applied Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2005	Faculty of Technical Sciences, Novi Sad	Pure and Applied Mathematics	
PhD	1993	Faculty of Sciences, Novi Sad	Mathematics	
MSc	1988	Mathematics Faculty, Belgrade	Mathematics	
Master Degree				
Master Degree	1981	Faculty of Sciences, Novi Sad	Mathematics	

BSc

NO	**Code**	**Name of the subject**
1.		Mathematical Logic
2.		Computability theory
3.		Automated and interactive theorem provers

Representative references (minimum 10, maximum 20)

1	Ghilezan, Silvia ; Pantovic, Jovanka ; Prokic, Ivan ; Scalas, Alceste ; Yoshida, Nobuko. Precise Subtyping for Asynchronous Multiparty Sessions. ACM Transactions on Computational Logic, 2023, 24(2), 14. DOI 10.1145/3568422	M21
2	Ghilezan, Silvia ; Kašterović, Simona; Liquori, Luigi; Marinković, Bojan ; Ognjanović, Zoran ; Stefanović, Tamara. Federating digital contact tracing using structured overlay networks. Computer Science and Information Systems, 2022, 19(3), 1261-1282. https://doi.org/10.2298/CSIS210825029G	M23
3	Kašterović, Simona; Ghilezan, Silvia. Kripke-style semantics and completeness for full simply typed Lambda calculus. Journal of Logic and Computation, 2021, 30(8); 1567-1608 https://doi.org/10.1093/logcom/exaa055	M21
4	Popović, Marko; Popović, Miroslav; Ghilezan, Silvia ; Kordić, Branislav. Formal Verification of Local and Distributed Python Software Transactional Memories. Revue roumaine des sciences techniques Série Électrotechnique et Énergétique, 2019, 64(4); 423-428 http://revue.elth.pub.ro/viewpdf.php?id=880	M23
5	Ghilezan, Silvia ; Jakšić, Svetlana; Pantović, Jovanka; Scalas, Alceste; Yoshida, Nobuko. Precise subtyping for synchronous multiparty sessions. Journal of Logical and Algebraic Methods in Programming, 2019, 104; 127-173 https://doi.org/10.1016/j.jlamp.2018.12.002	M21
6	Downen, Paul; Ariola, Zena; Ghilezan, Silvia. The Duality of Classical Intersection and Union Types. Fundamenta Informaticae, 2019, 170(1-3); 39-92 DOI: 10.3233/FI-2019-1855	M22
7	Kordić, Branislav; Popović, Miroslav; Ghilezan, Silvia. Formal verification of python software transactional memory based on timed automata. Acta Polytechnica Hungarica, 2019, 16(7); 197-216 DOI: 10.12700/APH.16.7.2019.7.12	M22
8	Jakšić, Svetlana; Pantović, Jovanka; Ghilezan, Silvia. Linked data privacy. Mathematical Structures in Computer Science, 2017, 27(1); 33-53 https://doi.org/10.1017/S096012951500002X	M22
9	Ghilezan, Silvia ; Jakšić, Svetlana; Pantović, Jovanka; Pérez, Jorge; Vieira, Hugo Torres. Dynamic role authorization in multiparty conversations. Formal Aspects of Computing, 2016, 28(4); 643-667 https://doi.org/10.1007/s00165-016-0363-5	M23
10	Pantović, Jovanka; Ghilezan, Silvia ; Žunić, Joviša. Encoding of multilevel S-threshold functions. Journal of Multiple-Valued Logic and Soft Computing, 2016, 26(1-2); 89-108	M23

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	291 (Scopus)	
Total number of papers from the SCI (SSCI) list	33	
Current participation in projects	Domestic : 2	International : 2
Specializations		
Other relevant information:		
Maximal lenght cannot be more that one A4 page		

Name and surname		Snežana Živković Zlatanović		
Title		Full professor		
Scientific Field		mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2015	Faculty of Sciences and Mathematics Niš	mathematics	mathematics
PhD	2001	Faculty of Sciences and Mathematics Niš	mathematics	mathematics
MSc	1995	Faculty of Philosophy Niš	mathematics	mathematics
Master Degree	1988	Faculty of Philosophy Niš	mathematics	mathematics

NO	**Code**	**Name of the subject**
1.	M1626	Fredholm, semi-Fredholm and Riesz operators
2.	M1641	Essential spectra
3.	M1657	Measures of noncompactness and semi-Fredholm operators

Representative references (minimum 10, maximum 20)		
1	S. Č. Živković-Zlatanović, *Generalized Drazin invertible elements relative to a regularity,* Linear and Multilinear Algebra (2023), https://doi.org/10.1080/03081087.2023.2181940	M22
2	M. D. Dimitrijević, S. Č. Živković-Zlatanović, Essentially left and right generalized Drazin invertible operators and generalized Saphar decomposition, Filomat 37(28) (2023), 9511-9529. https://doi.org/10.2298/FIL2328511D	M22
3	M. D. Cvetković, D. V. Mosić, S. Č. Živković-Zlatanović, *Drazin invertibility relative to some subsets of quasinilpotents and homomorphism ranges,* Results in Mathematics, 2(78) (2023), https://doi.org/10.1007/s00025-023-01848-z	M21a
4	S. Č. Živković-Zlatanović, S.V. Djordjević, *On some classes of Saphar type operators,* Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas, 116(170) (2022), https://doi.org/10.1007/s13398-022-01314-5	M21a
5	S. Č. Živković-Zlatanović, *Generalized Drazin-g-meromorphic invertible operators and generalized Kato-g-meromorphic decomposition*, Filomat, 36(8) (2022), 2813–2827, https://doi.org/10.2298/FIL2208813Z	M22
6	S. Č. Živković-Zlatanović, H. Chaâben, I. Walha, F. Abdmouleh, *A note on essential spectra of linear operator pencils,* Bulletin of the Iranian Mathematical Society, 48 (2022), 3439–3456, **DOI:** https://doi.org/10.1007/s41980-022-00703-1	M23
7	M. D. Cvetković, S. Č. Živković-Zlatanović, *A note on Koliha-Drazin invertibles and a-Browder's theorem,* Complex Analysis and Operator Theory, **15**(5) (2021), 10.1007/s11785-021-01127-1	M22
8	S. Č. Živković-Zlatanović, B. P. Duggal, *Generalized Kato-meromorphic decomposition, generalized Drazin-meromorphic invertible operators and single-valued exstension property,* Banach Journal of Mathematical Analysis, **14**(3) (2020), 894-914, 10.1007/s43037-019-00044-y	M22
9	S. Č. Živković-Zlatanović, M. Berkani, *Topological uniform descent, quasi-Fredholmness and operators originated from semi-B-Fredholm theory,* Complex Analysis and Operator Theory, **13**(8) (2019), 3595-3622., https://doi.org/10.1007%2Fs11785-019-00920-3	M22
10	M. Berkani, S. Č. Živković-Zlatanović, *Pseudo-B-Fredholm operators, poles of the resolvent and mean convergence in the Calkin algebra*, Filomat, **33**(11) (2019), 3351-3359, https://doi.org/10.2298%2Ffil1911351b	M22

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	124	
Total number of papers from the SCI (SSCI) list	20	
Current participation in projects	Domestic :1	International :
Specializations		
Other relevant information:		
Maximal lenght cannot be more that one A4 page		

Name and surname		Srboljub Simić		
Title		Full Professor		
Scientific Field		Mathematical Modelling		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	2017	Faculty of Sciences, Novi Sad	Mathematics	Mathematical Modelling
Full Professor	2010	Faculty of Technical Sciences, Novi Sad	Mechanics	Mechanics
PhD	1999	Faculty of Technical Sciences, Novi Sad	Engineering	Mechanics
MSc	1997	Mathematical Faculty, Belgrade	Mechanics	Rational Mechanics
BSc	1993	Faculty of Technical Sciences, Novi Sad	Mechanical Engineering	Mechanics

NO	**Code**	**Name of the subject**

Representative references (minimum 10, maximum 20)

1	Pavić-Čolić, Milana; Simić, Srboljub. Kinetic description of polyatomic gases with temperature-dependent specific heats. Physical Review Fluids, 2022, 7 (8), 083401. https://doi.org/10.1103/PhysRevFluids.7.083401	M22
2	Anwasia, Benjamin, Simić, Srboljub. Maximum entropy principle approach to a non-isothermal Maxwell-Stefan diffusion model. Applied Mathematics Letters, 2022, 129, 107949. https://doi.org/10.1016/j.aml.2022.107949	M21a
3	Madjarević, Damir; Pavić-Čolić, Milana; Simić, Srboljub. Shock structure and relaxation in the multi-component mixture of Euler fluids. Symmetry, 2021, 13 (6), 955. https://doi.org/10.3390/sym13060955	M22
4	Kovács, Róbert; Madjarević, Damir; Simić, Srboljub; Ván, Peter. Non-equilibrium theories of rarefied gases: internal variables and extended thermodynamics. Continuum Mechanics and Thermodynamics, 2021, 33 (2), pp. 307-325. https://doi.org/10.1007/s00161-020-00888-y	M21
5	Simić, Srboljub; Madjarević, Damir. Shock structure and entropy growth in gaseous binary mixture with viscous and thermal dissipation. Wave Motion, 2021, 100, 102661. https://doi.org/10.1016/j.wavemoti.2020.102661	M22
6	Szücs, Mátyás; Kovács, Róbert; Simić, Srboljub. Open Mathematical Aspects of Continuum Thermodynamics: Hyperbolicity, Boundaries and Nonlinearities. Symmetry, 2020, 12 (9), 1469. https://doi.org/10.3390/sym12091469	M22
7	Madjarević, Damir; Simić, Srboljub. Entropy growth and entropy production rate in binary mixture shock waves. Physical Review E, 2019, 100 (2), 023119. https://doi.org/10.1103/PhysRevE.100.023119	M21
8	Madjarević, Damir; Simić, Srboljub; Soares, Ana Jacinta. A Zel'dovich-von Neumann-Döring-like detonation wave in a multi-temperature mixture. Journal of Fluid Mechanics, 2019, 869, pp. 674-705. https://doi.org/10.1017/jfm.2019.218	M21a
9	Pavić-Čolić, Milana; Madjarević, Damir; Simić, Srboljub. Polyatomic gases with dynamic pressure: Kinetic non-linear closure and the shock structure. International Journal of Non-Linear Mechanics, 2017, 92, pp. 160-175. https://doi.org/10.1016/j.ijnonlinmec.2017.04.008	M22
10	Madjarević, Damir; Ruggeri, Tommaso; Simić, Srboljub. Shock structure and temperature overshoot in macroscopic multi-temperature model of mixtures. Physics of Fluids, 2014, 26 (10), 106102, pp. 1-19. https://doi.org/10.1063/1.4900517	M21

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	431	
Total number of papers from the SCI (SSCI) list	23	
Current participation in projects	Domestic : 1	International : 1
Specializations	AM^2 (former C.I.R.A.M.) Department of Mathematics and Research Center of Applied Mathematics, University of Bologna, Italy	

Other relevant information: Member of the editorial board of *Ricerche di Matematica* and *Theoretical and Applied Mechanics*. Reviewer of *Mathematical Reviews* and *Zentralblatt*.

Name and surname		**Stefan P. Stanimirović**		
Title		Assistant professor		
Scientific Field		Computer sciences		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Assistant Professor	2020.	Faculty of Science in Niš	Computer science	Computer sciences
PhD	2019 .	Faculty of Science in Niš	Computer science	Computer sciences
MSc	2013.	Faculty of Science in Niš	Computer science	Computer sciences
BSc	2011.	Faculty of Science in Niš	Computer science	Computer sciences

BSc		
NO	**Code**	**Name of the subject**
1.		Relational systems

Representative references (minimum 10, maximum 20)		
1	Nguyen, Linh Anh; Micić, Ivana; Stanimirović, Stefan. Depth-bounded fuzzy simulations and bisimulations between fuzzy automata. Fuzzy Sets and Systems, 2023, 473, pp. 108729. https://doi.org/10.1016/j.fss.2023.108729	M21a
2	Grau, Aitor G. de Mendívil; Stanimirović, Stefan; Fariña, Federico. Minimal Determinization Algorithm for Fuzzy Automata. IEEE Transactions on Fuzzy Systems, 2023, 31(11), pp. 3812-3822. https://doi.org/10.1109/TFUZZ.2023.3268406	M21a
3	Micić, Ivana; Stanimirović, Stefan; Jančić, Zorana. Approximate positional analysis of fuzzy social networks. Fuzzy Sets and Systems, 2023, 454, pp. 149-172. https://doi.org/10.1016/j.fss.2022.05.008	M21a
4	Nguyen, Linh Anh; Micić, Ivana; Stanimirović, Stefan. Fuzzy Minimax Nets. IEEE Transactions on Fuzzy Systems 2023, 31(8), pp. 2799-2808. https://doi.org/10.1109/TFUZZ.2023.3237936	M21a
5	Micić, Ivana; Nguyen, Linh Anh; Stanimirović, Stefan. Characterization and computation of approximate bisimulations for fuzzy automata. Fuzzy Sets and Systems, 2022, 442, pp. 331-350. https://doi.org/10.1016/j.fss.2022.05.003	M21a
6	Stanimirović, Stefan; Micić, Ivana. On the solvability of weakly linear systems of fuzzy relation equations. Information Sciences 2022, 607, pp. 670-687. https://doi.org/10.1016/j.ins.2022.05.111	M21a
7	Stanimirović, Stefan; Micić, Ivana; Ćirić, Miroslav. Approximate bisimulations for fuzzy automata over complete heyting algebras. IEEE Transactions on Fuzzy Systems 2022, 30(2), pp. 437-447. https://doi.org/10.1109/TFUZZ.2020.3039968	M21a
8	Stanimirović, Stefan; Stamenković, Aleksandar; Ćirić, Miroslav. Improved Algorithms for Computing the Greatest Right and Left Invariant Boolean Matrices and Their Application. Filomat 2019, 33(9), pp. 2809–2831. https://doi.org/10.2298/FIL1909809S	M22
9	Stanimirović, Stefan; Ćirić, Miroslav; Ignjatović, Jelena. Determinization of fuzzy automata by factorizations of fuzzy states and right invariant fuzzy quasi-orders. Information Sciences 2018, 469, pp. 79-100. https://doi.org/10.1016/j.ins.2018.08.033	M21a
10	Micić, Ivana; Jančić, Zorana; Stanimirović, Stefan. Computation of the greatest right and left invariant fuzzy quasi-orders and fuzzy equivalences. Fuzzy Sets and Systems, 2018, 339, pp. 99-118. https://doi.org/10.1016/j.fss.2017.09.004	M21a

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	Web of Science 32 (23); Scopus: 30 (21)	
Total number of papers from the SCI (SSCI) list	10	
Current participation in projects	Domestic : 2	International :
Specializations		

Other relevant information:
Winner of the award of the Mathematical Institute of SANU for the best doctoral dissertation in Serbia in the field of Computer Science in 2019.

Name and surname		Stevan Pilipović		
Title		Professor Emeritus		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Full Professor	1988	Faculty of Sciences University of Novi Sad	mathematics	Analysis and probability
PhD	1979	Faculty of Sciences University of Novi Sad	mathematics	
Master Degree	1973	Faculty of Sciences University of Novi Sad	mathematics	

Списак предмета које наставник држи на студијским програмима докторских студија

NO	Code	Name of the subject
		Integral Transforms
		Locally convex spaces
		Microlocal Analysis
		Pesudo-differential and Fourier Integral Operators

Representative references (minimum 10, maximum 20)

1	Feichtinger, H.G., Pilipović, S., Prangoski, B.,Modulation spaces associated with tensor products of amalgam spaces, Annali di Matematica Pura ed Applicata, 2022, 201(1), pp. 127–155 DOI: 10.1007/s10231-021-01110-9	M22
2	Coriasco, S., Pilipović, S., Seleši, D., Solutions of Hyperbolic Stochastic PDEs on Bounded and Unbounded Domains, Journal of Fourier Analysis and Applications, 2021, 27(5), 77 DOI: 10.1007/s00041-021-09858-7	M21
3	Pilipović, S., Prangoski, B., Vindas, J., Infinite order Ψ DOs: composition with entire functions, new Shubin-Sobolev spaces, and index theorem, Analysis and Mathematical Physics, 2021, 11(3), 109 DOI: 10.1007/s13324-021-00545-w	M21a
4	Pilipović, S., Stoeva, D.T., Localization of Fréchet Frames and Expansion of Generalized Functions Bulletin of the Malaysian Mathematical Sciences Society, 2021, 44(5), pp. 2919–2941 DOI: 10.1007/s40840-020-01070-y	M21
5	Atanacković, T.M., Janev, M., Pilipović, S., Noether's theorem for variational problems of Herglotz type with real and complex order fractional derivatives, Acta Mechanica, 2021, 232(3), pp. 1131–1146 DOI: 10.1007/s00707-020-02893-3	M22
6	Pilipović, S., Prangoski, B., EQUIVALENCE of ELLIPTICITY and the FREDHOLM PROPERTY in the WEYL-HÖRMANDER CALCULUS, Journal of the Institute of Mathematics of Jussieu, 2021, pp. 1-27 DOI: 10.1017/S1474748020000584	M21a
7	Pilipović, S., Teofanov, N., Tomić, F., Boundary values in ultradistribution spaces related to extended gevrey regularity,Mathematics, 2021, 9(1), pp. 1–14, 7 DOI: 10.3390/math9010007	M21a
8	Atanacković, T., Pilipović, S., Seleši, D.,Wave propagation dynamics in a fractional Zener model with stochastic excitation, Fractional Calculus and Applied Analysis, 2020, 23(6), pp. 1570–1604 DOI: 10.1515/fca-2020-0079	M21a
9	Atanasova, S., Pilipović, S., Prangoski, B., Saneva, K., Characterisation of wave front sets by the Stockwell transform, Journal of Mathematical Analysis and Applications, 2020, 490(2), 124329 DOI: 10.1016/j.jmaa.2020.124329	M21
10	Pilipović, S., Vojnović, I., Defect distributions applied to differential equations with power function type coefficients, Journal of Pseudo-Differential Operators and Applications, 2020, 11(3), pp. 1231–1248 DOI: 10.1007/s11868-019-00322-1	M22
11	Pilipović, S., Rakić, D., Teofanov, N., Vindas, J., Multiresolution expansions and wavelets in Gelfand–Shilov spaces, Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales - Serie A: Matematicas, 2020, 114(2), 66 DOI: 10.1007/s13398-020-00789-4	M21a

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	2327 (Scopus, 17.02.2022.)	
Total number of papers from the SCI (SSCI) list	398 (Mathscinet 17.02.2022.)	
Current participation in projects	Domestic : Individual project SASA	International :: TIFREFUS, DS-15
Specializations	University Santa Barbara; Faculty of Mathematical Sciences University of Tokyo; University Paris 7;Erwin Schroedinger Institute; Universite des Antilles; University of Vienna; University of Cagliari; Ghent University…	
Other relevant information:		

Name and surname		Stevo Todorčević		
Research title		Research professor		
Scientific area		Mathematics		
Academic career	Year	Institution	Scientific area	Specific research area
Title election	1991	Mathematical Institute SANU	Mathematics	
PhD	1979	Faculty of mathematics, Belgrade	Mathematics	
MSc	1978	Faculty of mathematics, Belgrade	Mathematics	
BSc	1977	Faculty of mathematics, Belgrade	Mathematics	

BSc		
NO	**Code**	**Name of the subject**
1		Descriptive combinatorics

Most important research publications, in accordance with the extended standards for the specific research area (minimum 10, maximum 20)

1	Kuzeljević, Boriša; Todorčević, Stevo. Cofinal types on ω2. Mathematical Logic Quarterly, 2023, 69(1); 92-103 https://doi.org/10.1002/malq.202200021	M22
2	Guzmán, Osvaldo; Todorčević, Stevo. Forcing with copies of the Rado and Henson graphs. Annals of Pure and Applied Logic, 2023, 174(8); 103286 https://doi.org/10.1016/j.apal.2023.103286	M21
3	Rinot, Assaf; Shalev, Roy; Todorčević, Stevo. A new small Dowker space. Periodica Mathematica Hungarica, 2023. https://doi.org/10.1007/s10998-023-00541-6	M22
4	Raghavan, Dilip; Todorčević, Stevo. GALVIN'S PROBLEM IN HIGHER DIMENSIONS. Proceedings of the American Mathematical Society, 2023, 151(7); 3103-3110 https://doi.org/10.1090/proc/16386	M22
5	Raghavan, Dilip; Todorčević, Stevo. A combinatorial property of rho-functions. Acta Mathematica Hungarica, 2022, 167, pages 355–363 https://doi.org/10.1007/s10474-022-01237-y	M22
6	Leiderman, Arkady; Spadaro, Santi; Todorčević, Stevo. DENSE METRIZABLE SUBSPACES IN POWERS OF CORSON COMPACTA. Proceedings of the American Mathematical Society, 2022, 150(7); 3177-3187 DOI: 10.1090/proc/15885	M22
7	Guzmán, O.; Hrušák, M.; Rodrigues, V. O.; Todorčević, Stevo ; Tomita, A. H. Maximal almost disjoint families and pseudocompactness of hyperspaces. Topology and its Applications, 2022, 305; 107872 https://doi.org/10.1016/j.topol.2021.107872	M23
8	Bonnet, Robert; Kubiś, Wiesław; Todorčević, Stevo. Ultrafilter selection and Corson compacta. Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales - Serie A: Matematicas, 2022, 116; 178 https://doi.org/10.1007/s13398-022-01317-2	M21a
9	Guevara Parra, Francisco; Todorčević, Stevo. Types of countable sequential groups. Topology and its Applications, 2020, 283; 107337 https://doi.org/10.1016/j.topol.2020.107337	M23
10	Ferenczi, Valentin; Lopez-Abad, Jorge; Mbombo, Brice; Todorčević, Stevo. Amalgamation and Ramsey properties of Lp spaces. Advances in Mathematics, 2020, 369; 107190 https://doi.org/10.1016/j.aim.2020.107190	M21

Cumulative numerical data on the research activity of the professor		
Total number of citations, excluding self-citations	1259 (SCOPUS)	
Total number of papers on SCI list	128 (SCOPUS)	
Current participation on research projects	Domestic :1	International :
Internships		
Other relevant data		
The size of this text should not exceed one a4 page		

Name and surname		Suzana Aleksić		
Title		Assistant Professor		
Scientific Field		Mathematical analysis with applications		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Assistant Professor	2012.	PMF Kragujevac	Mathematics	Mathematical analysis with applications
PhD	2011.	PMF Novi Sad	Mathematics	Functional Analysis
MSc	2006.	PMF Kragujevac	Mathematics	Mathematical analysis
BSc	2001.	PMF Kragujevac	Mathematics	Theoretical mathematics with applications

BSc

NO	**Code**	**Name of the subject**
1.		Generalized functions
2.		Harmonic Analysis

Representative references (minimum 10, maximum 20)

1	S. Aleksić, A. Cabada, S. Dimitrijević, T. V. Tomović Mladenović: *The existence of a solution for nonlinear fractional differential equations where nonlinear term depends on the fractional and first order derivative of an unknown function*, Filomat, Volume 37, Number 15 (2023), 3871-3882. https://doi.org/10.2298/FIL2312871A (ISSN 2406-0933)	M22
2	S. Xu, Y. Han, S. Aleksić, S. Radenović: *Fixed point results for nonlinear contractions of Perov type in abstract metric spaces with applications*, Aims Mathematics, 2022, Volume 7, Issue 8: 14895-14921. doi: 10.3934/math.2022817 (ISSN 2473-6988)	M21a
3	**S. Aleksić**, Z. D. Mitrović, S. Radenović: *Picard sequences in b-metric spaces*, Fixed Point Theory 21, No. 1, 35-46, 2020. DOI: 10.24193/fpt-ro.2020.1.03 (ISSN 1583-5022)	M21a
4	A. Cabada, S. Dimitrijević, T. Tomović, **S. Aleksić**: *Existence of solutions of nonlinear and non-local fractional boudanry value problems,* Mediterr. J. Math. 16(5) (2019), 18 pages. (ISSN 1660-5446)	M21
5	**S. Aleksić**, H. Huang, Z. D. Mitrović, S. Radenović: *Remarks on some fixed point results in b-metric spaces*, J. Fixed Point Theory Appl. (2018) 20:147. https://doi.org/10.1007/s11784-018-0626-2 (ISSN 1661-7738)	M21
6	**S. Aleksić**, Z. D. Mitrović, S. Radenović: *A fixed point theorem of Jungck in b_v(s)-metric spaces*, Period Math Hung, 77, 224-231(2018). https://doi.org/10.1007/s10998-018-0236-1 (ISSN 0031-5303)	M23
7	A. Cabada, S. Dimitrijević, T. Tomović, **S. Aleksić**, *The existence of a positive solution for nonlinear fractional differential equations with integral boundary value conditions*, Math Method Appl Sci , Jul 2016, DOI: 10.1002/mma.4105 (ISSN 0170-4214)	M22
8	S. Pilipović, **S. Simić**: *Construction of frames for shift-invariant spaces*, J Funct Space Appl, vol. 2013, Article ID 163814, 7 pages, 2013. doi:10.1155/2013/163814 (ISSN 0972-6802)	M22
9.	Radenović, S. Simić, N. Cakić, Z. Golubović, A note on tvs-cone metric fixed point theory, Math. Comput. Modelling, 54 (2011)	M21
10.	M.P. Stanić, A.S. Cvetković, S. Simić**,** S. Dimitrijević, *Common fixed point under contractive condition of Ćirić's type on cone metric type space,* Fixed Point Theory Appl. 2012:**35** (2012)	M21 a)

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	87	
Total number of papers from the SCI (SSCI) list	15	
Current participation in projects	Domestic : 1	International : 1
Specializations		
Other relevant information:		

Name and surname		Tatjana Tomović Mladenović		
Title		assistant professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Assistant Professor	2014.	Faculty of Science University of Kragujevac	Mathematics	Mathematical Analysis with Applications
PhD	2014.	Faculty of Science University of Kragujevac	Mathematics	Numerical Analysis
MSc	2008.	Faculty of Science University of Kragujevac	Mathematics	Mathematics and Informatics

NO	**Code**	**Name of the subject**
1		Software for Numerical Analysis

Representative references (minimum 10, maximum 20)

1	M.P. Stanić, **T.V. Tomović Mladenović,** A. Ne. Jovanović, *Quadrature rules of Gaussian type for trigonometric polynomials with preassigned nodes,* Appl. Numer. Math. ISSN 0168-9274. https://doi.org/10.1016/j.apnum.2023.05.015	M21
2	G.V. Milovanović, M.P. Stanić, **T.V. Tomović Maldenović**, *Gaussian type quadrture rules related to the oscillatory modification of generalized Laguerre weight functions*, J. Comput. Appl. Math. 437 (2024), 8 pages. ISSN 0377-0427. https://doi.org/10.1016/j.cam.2023.115476	M21
3	S. Aleksić, A. Cabada, S. Dimitrijević, **T.V. Tomović Mladenović**, *The existence of a solution for nonlinear fractional differential equations where nonlinear term depends on the fractional and first order derivative of an unknown function,* FILOMAT **37** (12) (2023), 3871--3882. ISSN 0354-5180.	M22
4	N.Z. Petrović, M.P. Stanić, **T.V. Tomović Mladenović**, *Anti-Gaussian quadrature rules for thrigonometric polznomials,* FILOMAT **36** (3) (2022), 1005-1019. ISSN 0354-5180.	M22
5	M.C. De Bonis, M.P. Stanić**, T.V. Tomović Mladenović:** *Nyström methods for approximating the solutions of an integral equation arising from a problem in mathematical biology,* Appl. Numer. Math. **171** (2022), 193-211. ISSN 0168-9274. https://doi.org/10.1016/j.apnum.2021.09.004	M21
6	A. Cabada, S. Dimitrijević, **T. Tomović**, S. Aleksić: *Existence of solutions of nonlinear and non-local fractional boudanry value problems,* Mediterr. J. Math. **16**(5) (2019), 18 pages. ISSN 1660-5446. https://doi.org/10.1007/s00009-019-1388-9	M21
7	A.N. Jovanović**, T.V. Tomović,** M.P. Stanić**:** *Construction of the optimal set of quadrature rules in the sense of Borges*, Electron. Trans. Numer. Anal. **50** (2018), 164-181. ISSN 1068-9613. https://doi.org/10.1553/etna_vol50s164	M21
8	**T.V. Tomović,** M.P. Stanić: *Construction of the optimal set of two of three quadrature rule in the sense of Borges, Numer. Algorithms 78(4) (2018), 1087-1109. ISSN 1017-1398.* https://doi.org/10.1007/s11075-017-0414-x	M21a
9	A. Cabada, S. Dimitrijević, **T. Tomović**, S. Aleksić: *The existence of a positive solution for nonlinear fractional differential equations with integral boundary value conditions*, Math. Method Appl. Sci. **40** (2017), 1880-1891. ISSN 0170-4214. https://doi.org/10.1002/mma.4105	M22
10	M.P. Stanić**, T.V. Tomović**: *Multiple orthogonality in the space of trigonometric polynomials of semi-integer degree, FILOMAT* **29** (10) (2015), 2227-2237. ISSN 0354-5180	M21

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	23	
Total number of papers from the SCI (SSCI) list	11	
Current participation in projects	Domestic : 0	International : 0
Specializations	Postdoc at KU Leuven, Belgium.	
Other relevant information :		

Name		Tatjana Davidović		
Academic Title		Research Professor		
Narrow Scientific Field		Computer Science		
Academic career	Year	Institution	Narrow Scientific Field	Academic career
Title Election	2018	Mathematical Institute	Computer Science	Title Election
Ph.D.	2006	Faculty of Mathematics, Belgrade	Computer Science	Ph.D.
MSc	1992	Faculty of Mathematics, Belgrade	Computer Science	Master thesis
BSc	1987	Faculty of Mathematics, Belgrade	Computer Science	Graduate Degree

List of doctoral courses the teacher is involved in

No.	**Course Code**	**Course Title**
1		Metaheuristic methods

Relevant references in accordance with the requirements of the additional conditions of the standard for a given field (min 10, max 20)

1.	Anokić, A., Stanimirović, Z., Stakić, Đ., **Davidović, T.**, Metaheuristic approaches to a vehicle scheduling problem in sugar beet transportation, *Operational Research*, 21, pp. 2021-2053, 2021.	M22
2.	Kovač, N., **Davidović, T.**, Stanimirović, Z., Population-based Metaheuristics for the Dynamic Minimum Cost Hybrid Berth Allocation Problem, *International : Journal on Artificial Intelligence Tools*, 30(4), pp. 2150017:1-29, 2021.	M23
3.	Alfandari, L. **Davidović, T.**, Furini, F., Ljubić, I., Maraš, V., Martin, S., Tighter MIP Models for Barge Container Ship Routing, *OMEGA: International : Journal of Management Science* , 82, pp. 38-54, 2019.	M21a
4.	Kordić, S., **Davidović, T.**, Kovač, N., Dragović, B., Combinatorial Approach to Exactly Solving Discrete and Hybrid Berth Allocation Problem, *Applied Mathematical Modelling*, 40(21-22), pp. 8952-8973, 2016.	M21
5.	Jakšić Krüger, T., **Davidović, T.**, Teodorović, D., Šelmić, M., The Bee Colony Optimization Algorithm and its Convergence, *Int. J. Bio-Inspired Computation*, 8(5), pp. 340-354, 2016.	M21a
6.	**Davidović, T.**, Crainic, T. G., Parallel Local Search to Schedule Communicating Tasks on Identical Processors, *Parallel Computing*, 48, pp. 1-14, 2015.	M21
7.	Stojanović, T., **Davidović, T.**, Ognjanović, Z., Bee Colony Optimization for the Satisf-iability Problem in Probabilistic Logic, *Applied Soft Computing*, 31, pp. 339-347,2015.	M21
8.	**Davidović, T.**, Jakšić, T., Ramljak, D., Šelmić, M., Teodorović, D., Parallelization strategies for bee colony optimization based on message passing communication protocol, OPTIMIZATION, 62(8), pp. 1113-1142, 2013.	M22
9.	Maraš, V., Lazić, J., **Davidović, T.**, Mladenović, N., Routing of Barge Container Ships by Mixed-Integer Programming Heuristics, *Applied Soft Computing*, 13(8), pp. 3515-3528, 2013.	M21
10.	**Davidović, T.**, Šelmić, M., Teodorović, D., Ramljak, D., Bee Colony Optimization for Scheduling Independent Tasks to Identical Processors, *Journal of Heuristics*, 18(4), pp. 549-569, 2012.	M21

The summary of teacher's scientific activities

Number of citations, self-citations excluded	More than 500 (SCOPUS 368)	
Total number of papers from SCI (or SSCI) list	24	
Active Participation in Projects	National 1	International : 1
Specializations	2	
Other Relevant Data		
Maximal document size 1 A4 pages		

Name and surname		Vladimir Dragovic		
Title		Research Professor		
Scientific Field		Mathematics		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Research Professor	2004.	MISANU	Mathematics	Mathematics
PhD	1992.	MF UB	Mathematics	Mathematics
BCs	1987.	MF UB	Mathematics	Mathematics

NO	**Code**	**Name of the subject**
		Symlectic geometry and analytical mechanics
		Lie groups and algebras
		Introduction to Riemannian Surfaces and Algebraic Curves

Најзначајнији радови **(минимално 10 не више од 20)**

1	Dragović, Vladimir ; Gajić, Borislav ; Jovanović, Božidar. Spherical and Planar Ball Bearings — a Study of Integrable Cases. Regular and Chaotic Dynamics, 2023, 28(1); 62-77 https://doi.org/10.1134/S1560354723010057	M22
2	Dragović, Vladimir ; Radnović, Milena. Billiards Within Ellipsoids in the 4-Dimensional Pseudo-Euclidean Spaces. Regular and Chaotic Dynamics, 2023, 28(1); 14-43 https://doi.org/10.1134/S1560354723010033	M22
3	Dragović, Vladimir ; Radnović, Milena. Resonance of ellipsoidal billiard trajectories and extremal rational functions. Advances in Mathematics, 2023, 424; 109044 https://doi.org/10.1016/j.aim.2023.109044	M21
4	Dragović, Vladimir ; Gajić, Borislav ; Jovanović, Božidar. Gyroscopic Chaplygin Systems and Integrable Magnetic Flows on Spheres. Journal of Nonlinear Science, 2023, 33(3); 43 https://doi.org/10.1007/s00332-023-09901-5	M21a
5	Dragović, Vladimir ; Gajić, Borislav. Points with rotational ellipsoids of inertia, envelopes of hyperplanes which equally fit the system of points in R-k, and ellipsoidal billiards. Physica D: Nonlinear Phenomena, 2023, 133776 https://doi.org/10.1016/j.physd.2023.133776	M21a
6	Dragović, Vladimir ; Gajić, Borislav ; Jovanović, Božidar. Spherical and Planar Ball Bearings — Nonholonomic Systems with Invariant Measures. Regular and Chaotic Dynamics, 2022, 27, 424-442 https://doi.org/10.1134/S1560354722040037	M22
7	Dragović, Vladimir ; Gasiorek, Sean; Radnović, Milena. Billiard Ordered Games and Books. Regular and Chaotic Dynamics, 2022, 27(2); 132-150 https://doi.org/10.1134/S1560354722020022	M22
8	Dragović, Vladimir ; Khoshnasib-Zeinabad, Fariba. Topology of the isoenergy manifolds of the Kirchhoff rigid body case on e(3). Topology and its Applications, 2022, 311, 107955 https://doi.org/10.1016/j.topol.2021.107955	M23
9	Dragović, Vladimir ; Gasiorek, Sean; Radnović, Milena. Integrable billiards on a Minkowski hyperboloid: extremal polynomials and topology. Sbornik Mathematics, 2022, 213(9); 1187-1221 https://doi.org/10.4213/sm9662e	M22
10	Dragović, Vladimir ; Gontsov, Renat; Shramchenko, Vasilisa Triangular Schlesinger systems and superelliptic curves. Physica D: Nonlinear Phenomena, 2021, 424; 132947 https://doi.org/10.1016/j.physd.2021.132947	M21

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	250 (Scopus 31.1.2022)	
Total number of papers from the SCI (SSCI) list		
Current participation in projects	Domestic : 1	International : 1
Specializations	Аспирантура, MGU, Moscow, Russia 1988-1992	

Other relevant information : Award of Belgrade 2010, Award of the Mathematical Society of Serbia and Montenegro 2004, advisor of 8 PhD thesis, 200 invited talks on International : conferences and seminars

Name and surname		**Zorana Z. Jančić**		
Title		Associate professor		
Scientific Field		Computer science		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Associate Professor	2019.	Faculty of Science in Niš	Computer science	Computer sciences
PhD	2014.	Faculty of Science in Niš	Computer science	Computer sciences
Master Degree	2007.	Faculty of Science in Niš	Mathematics	Computer sciences

BSc

NO	**Code**	**Name of the subject**
1.	20.ИДИ11	Formal languages, automata and computability
2.	20.ИДИ31	Algebraic theory of automata and formal languages
3.	20.ИДИ35	Quantitative automata
4.		Ordered algebraic structures

Representative references (minimum 10, maximum 20)

1	Mićić, Ivana; Stanimirovic, Stefan; Jančić, Zorana. Approximate positional analysis of fuzzy social networks. Fuzzy Sets and Systems. 454(2023) 149-172. https://doi.org/10.1016/j.fss.2022.05.008.	M21a
2	Mićić, Ivana; Damljanović, Nada; Jančić, Zorana. Authomated method for designing fuzzy systems Facta Universitatis, Series: Mathematics and Informatics. 35 (2020) 1357-1368. https://doi.org/10.22190/FUMI2005357M	M24
3	Jančić, Zorana; Stanković, Ivan; Mićić, Ivana. Regular fuzzy equivalence on two mode fuzzy network. Filomat. 32(7) (2018) 2677-2684. https://doi.org/10.2298/FIL1807677J	M22
4	Mićić, Ivana; Jančić, Zorana; Stanimirović, Stefan. Computation of the greatest right and left invariant fuzzy quasi-orders and fuzzy equivalences. Fuzzy sets and systems. 339 (2017) 99-118. https://doi.org/10.1016/j.fss.2017.09.004	M21a
5	Stanković, Ivan; Mićić, Ivana; Jančić, Zorana. Computation of the greatest regular equivalence. Filomat. 30(1) (2016) 179-190. https://doi.org/10.2298/FIL1601179S	M22
6	Jančić, Zorana; Mićić, Ivana; Ignjatović, Jelena; Ćirić, Miroslav. Further improvements of determinization methods for fuzzy finite automata. Fuzzy Sets and Systems. 301(2016) 79-102 . https://doi.org/10.1016/j.fss.2015.11.019	M21a
7	Mićić, Ivana; Jančić, Zorana; Ignjatović, Jelena; Ćirić, Miroslav. Determinization of fuzzy automata by means of the degrees of language inclusion. IEEE Transactions on Fuzzy Systems. 23(6) (2015) 2144-2153. https://doi.org/10.1109/TFUZZ.2015.2404348	M21a
8	Jančić, Zorana; Ćirić, Miroslav Brzozowski type determinization for fuzzy automata. Fuzzy Sets and Systems. 249 (2014) 73–82. https://doi.org/10.1016/j.fss.2014.02.021	M21a
9	I. Mićić, N. Damljanović, Z. Jančić, Authomated method for designing fuzzy systems, FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS 35 (5) (2020), 1357–1368.	M21a
10	I. Mićić, Z. Jančić, I. Stanković, Regular fuzzy equivalences and regular fuzzy quasi-orders, PROCEEDINGS OF THE 2015 CONFERENCE OF THE INTERNATIONAL : FUZZY SYSTEMS ASSOCIATION AND THE EUROPEAN SOCIETY FOR FUZZY LOGIC AND TECHNOLOGY, Advances in Intelligent Systems Research vol. 89, 2015, pp. 544–550.	M24

Cumulative information about teachers scientific, art or vocational activity

Total number of citations without selfcitations	Web of Science: 69 (61), Scopus: 67 (59)	
Total number of papers from the SCI (SSCI) list	8	
Current participation in projects	Domestic : 2	International :
Specializations		

Other relevant information:

Name and surname		Zoran Ognjanović		
Title		Research Professor		
Scientific Field		Mathematical logic and Computer Sciences		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Research Professor	2008.	Mathematical Institute of the Serbian Academy of Sciences and Arts	Mathematics	-
PhD	1999.	Faculty of Science, University of Kragujevac	Mathematics	-
MSc	1993.	Faculty of Mathematics, University of Belgrade	Mathematics	-
BSc	1987.	Faculty of Science, University of Belgrade	Mathematics	-.

NO	**Code**	**Name of the subject**
1		Nonclassical logics
2		Computability theory
3		Formalization of uncertain reasoning

Representative references (minimum 10, maximum 20)		
1	Dautović, Šejla ; Doder, Dragan; Ognjanović, Zoran. Reasoning about knowledge and conditional probability. International Journal of Approximate Reasoning, 2023, 163; 109037 https://doi.org/10.1016/j.ijar.2023.109037	M22
2	Ilić Stepić, Angelina ; Ognjanović, Zoran ; Perović, Aleksandar. Probability Logics for Reasoning About Quantum Observations. Logica Universalis, 2023, 17; 175-219 https://doi.org/10.1007/s11787-023-00326-y	M22
3	Ilić Stepić, Angelina ; Ognjanović, Zoran ; Perović, Aleksandar. A Probabilistic Temporal Epistemic Logic, Part II: Decidability. Logic Journal Of The Igpl, 2023. https://doi.org/10.1093/jigpal/jzac080	M21a
4	Doder, Dragan; Ognjanović, Zoran. Probabilistic temporal logic with countably additive semantics. Annals of Pure and Applied Logic, 2023. https://doi.org/10.1016/j.apal.2023.103389	M21
5	Ilić Stepić, Angelina ; Knežević, Mateja; Ognjanović, Zoran. Intuitionistic propositional probability logic. Mathematical Logic Quarterly, 2022, 68(4), 479-495 https://doi.org/10.1002/malq.202100052	M23
6	Ghilezan, Silvia ; Kašterović, Simona; Liquori, Luigi; Marinković, Bojan ; Ognjanović, Zoran ; Stefanović, Tamara. Federating digital contact tracing using structured overlay networks. Computer Science and Information Systems, 2022, 19(3), 1261-1282 https://doi.org/10.2298/CSIS210825029G	M23
7	Ognjanović, Zoran ; Ilić Stepić, Angelina ; Perović, Aleksandar. A Probabilistic Temporal Epistemic Logic: Strong Completeness. Logic Journal of the IGPL, 2022, jzac072 https://doi.org/10.1093/jigpal/jzac072	M21a
8	Lehnherr, David; Ognjanović, Zoran ; Studer, Thomas A logic of interactive proofs. Journal of Logic and Computation, 2022, 32(8); 1645-1658 https://doi.org/10.1093/logcom/exac071	M21
9	Dautović, Šejla ; Doder, Dragan; Ognjanović, Zoran. Logics for reasoning about degrees of confirmation. Journal of Logic and Computation, 2021, 31(8); 2189-2217 https://doi.org/10.1093/logcom/exab033	M21
10	Kern-Isberner, Gabriele; Ognjanović, Zoran. Special issue from the 15th European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty (ECSQARU 2019). International Journal of Approximate Reasoning, 2021, 138. https://doi.org/10.1016/j.ijar.2021.08.001	M28b

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	297 (SCOPUS)	
Total number of papers from the SCI (SSCI) list	59	
Current participation in projects	Domestic : 1	International :
Specializations		
Other relevant information:		
Maximal lenght cannot be more that one A4 page		

Name and surname		Zoran Petrić		
Title		Principal research fellow		
Scientific Field		Mathematical Logic and Category Theory		
Academic Career	Year	Institution	Scientific Field	A Narrow Scientific Field
Principal research fellow	2008.	Mathematical Institute SANU	Mathematics	-
PhD	1997.	Faculty of Mathematics, Belgrade	Mathematics	-
MSc	1993.	Faculty of Mathematics, Belgrade	Mathematics	-
BSc	1988.	Faculty of Mathematics, Belgrade	Mathematics	-

NO	**Code**	**Name of the subject**
1		Mathematical Logic
2		Proof Theory and Category Theory

Representative references (minimum 10, maximum 20)		
1	Petrić, Zoran ; Zekić, Mladen. Coherence for closed categories with biproducts. Journal of Pure and Applied Algebra, 2021, 225(3); 106533 https://doi.org/10.1016/j.jpaa.2020.106533	M22
2	Baralić, Đorđe ; Curien, Pierre Louis; Milićević, Marina; Obradović, Jovana ; Petrić, Zoran ; Zekić, Mladen ; Živaljević, Rade. Proofs and surfaces. Annals of Pure and Applied Logic, 2020, 171(9); 102845 https://doi.org/10.1016/j.apal.2020.102845	M21
3	Gajović, Stevan; Petrić, Zoran ; Telebaković Onić, Sonja. A faithful 2-dimensional. Homology, Homotopy and Applications, 2020, 22(1); 391-399 https://dx.doi.org/10.4310/HHA.2020.v22.n1.a22	M23
4	Baralić, Đorđe ; Ivanović, Jelena; Petrić, Zoran. A simple permutoassociahedron. Discrete Mathematics, 2019, 342(12), 111591 https://doi.org/10.1016/j.disc.2019.07.007	M22
5	Čukić, Sonja Lj.; Petrić, Zoran. The n-fold reduced bar construction. Journal of Homotopy and Related Structures, 2018, 13(3); 503-543 https://doi.org/10.1007/s40062-017-0191-1	M23
6	Baralić, Djordje ; Petrić, Zoran ; Telebaković, Sonja. Spheres as frobenius objects. Theory and Applications of Categories, 2018, 33; 691-726 http://www.tac.mta.ca/tac/volumes/33/24/33-24.pdf	M23
7	Došen, Kosta ; Petrić, Zoran. Representing conjunctive deductions by disjunctive deductions. Review of Symbolic Logic, 2017, 10(1); 145-157 https://doi.org/10.1017/S175502031600037X	M21
8	Došen, Kosta ; Petrić, Zoran. Weak cat-operads. Logical Methods in Computer Science, 2015, 11(1) https://doi.org/10.2168/LMCS-11(1:10)2015	M22
9	Došen, Kosta ; Petrić, Zoran. A planarity criterion for graphs. SIAM Journal on Discrete Mathematics, 2015, 29(4); 2160-2165 https://doi.org/10.1137/140954957	M22
10	Petrić, Zoran. Segal's multisimplicial spaces. Publications de l'Institut Mathematique, 2015, 97(111); 11-21 https://doi.org/10.2298/PIM141125001P	M24

Cumulative information about teachers scientific, art or vocational activity		
Total number of citations without selfcitations	200	
Total number of papers from the SCI (SSCI) list	50	
Current participation in projects	Domestic : 1	International :
Specializations		
Other relevant information:		
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