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Name and address of the Scientific institution during the implementation of the Project:	Belgrade Metropolitan University Tadeuša Koščuška 63, 11000 Belgrade, Serbia

BIOGRAPHY

PERSONAL INFORMATION	Place of birth	Vranje, Republic of Serbia
	Date of birth	Jan. 20th, 1969
	Age	52
	Citizenship	Serbian
EDUCATIONAL BACKGROUND		
	<p>PhD Doctor of Computer Science - degree diploma VIII 1 , 2008-2010 Faculty of Mathematics, Belgrade, Serbia Dissertation titled: <i>Solving the problem on the maximum degree-bounded connected subgraphs in computer science, as a contribution to the graph theory</i>, 2010, Faculty of Mathematics, Belgrade, Serbia PhD Thesis Supervisors: Vladimir Filipović, Full Professor, Faculty of Mathematics, Belgrade Jozef Kratica, Research Professor, Mathematical Institute Serbian Academy of Sciences and Arts, Belgrade</p> <p>Master of Mathematical Sciences, degree diploma VII 2, 1995-2001 Faculty of Science and Mathematics, Niš, Serbia Master's thesis: <i>Directable automata, their specialization and generalization</i>, 2001, Faculty of Science and Mathematics, Niš, Serbia MSc Thesis Supervisor Miroslav Ćirić, Full Professor, Faculty of Science and Mathematics, Niš</p> <p>Graduate mathematician of Computing and Informatics , Graduate studies, degree diploma VII 1 , 1987-1994, Faculty of Science and Mathematics, Belgrade, Serbia</p>	

WORK EXPERIENCE	Associate Professor Faculty of Information Technology, Belgrade Metropolitan University	Oct. 2019-present
	Assistant Professor Pedagogical Faculty University of Niš	Jun 2011- Sep. 2019
	Teaching Associate and Assistant	Nov. 1995-May 2011

	Pedagogical Faculty University of Niš Professor in high school in Vranje	Sep. 1994-Oct. 1995
RESEARCH	<ul style="list-style-type: none"> • Graphs invariant (Graph Theory) • Discrete mathematics • Metaheuristics (Genetic algorithms) • Automata theory (Directable automata) • Applied mathematics 	
	Public Researcher profile https://scholar.google.com/citations?user=I90PUMEAAAAJ&hl=sr https://scholar.google.com/scholar?hl=sr&as_sdt=0%2C5&q=milena+bogdanovic+vranje&btnG https://www.researchgate.net/profile/Milena_Bogdanovic https://scindeks.ceon.rs/SearchResults.aspx?query=ARTAU%26and%26Bogdanovi%25c4%2587%2bMilena&page=0&sort=1&stype=0	
EDITORIAL &	Memberships:	
	Journal and Conference reviewer	No. reviews
	The Open Applied Physics Journal	1
	Optimization Letters	1
	Science and Information Conference 2013 , October 7-9, 2013, London, UK	6
	Science and Information Conference 2014 , August 27-29, 2014, London, UK	7
	Creative Education (CE), Scientific Research Publishing	1

	International Journal of Cognitive Research in Science, Engineering and Education	1	
	Science and Information Conference 2015 , June 10-12, 2015, London, UK	11	
	Asian Journal of Mathematics and Computer Research	1	
	Swarm and Evolutionary Computation	3	
	SAI Computing Conference 2016 , July 13-15, 2016, London, UK	4	
	International Journal of Advanced Computer Science and Applications	17	
	IntelliSys 2016 Conference , 20-22 September 2016, London, UK	9	
	IntelliSys 2017 Conference , 7-8 September 2017, London, UK	9	
	Future Technologies Conference (FTC) 2017 , 29-30 November 2017, Vancouver, BC, Canada	5	

COMPUTER SKILLS Full computer literacy, use of electronic services, working with databases, programming, knowledge of programming languages Pascal, Fortran 77, SQL+, C, C+, Prolog, Smalltalk, use the Internet, LaTeX

LANGUAGES

SPOKEN

- Serbian (Native speaker)
- English (Professional proficiency)
- French (Professional proficiency)

PROJECTS

1996-2000, 04M03 Methods and Models in theoretical and applied mathematics industry (subproject 04M03V-Algebra)

2007-2008, School in nature, internal project of the Teacher Training Faculty

2007-2008, Training schools, internal project of the Teacher Training Faculty

2011-2012, Literature for children and its role in the upbringing and education of children of preschool and school age, internal project of the Teacher Training Faculty

2014- present, Wiki Student

December 2017-May 2018 -Development of electronic support for the accredited SP graduate academic study for the education of educators of the Faculty of Pedagogy, University of Nis, by introducing the optional module Educator for working with the elderly - PROJECT WITHIN THE PROGRAM ACTIVITY 0014 "DEVELOPMENT OF HIGHER EDUCATION - EDUCATION" for Development and Higher Education

	<p>Author of three monographs, one university textbook, two practicum and one collection of assignments, over 60 scientific and professional papers, published in renowned and journals of categories M20, M50, participated in over 25 domestic and international scientific conferences, reviewed over 75 scientific papers.</p> <p>Member of editorial and review boards in a number of domestic and foreign journals.</p> <p>Member of The Yugoslav Society for Applied and Industrial Mathematics (JUPIM) http://www.mi.sanu.ac.rs/societies/jupim/indmem.htm</p>
International journal papers	<p>List of Selected Publications</p> <p>a.1 Bogdanović M., „An ILP formulation for the maximum degree-bounded connected subgraph problem“, <i>Computers & Mathematics with Applications</i>, 59, No.9, pp. 3029-3038 (2010). Doi: 10.1016/j.camwa.2010.02.021</p> <p>a.2 Milena Bogdanović, <i>On finite π-directable automata</i>, <i>International Journal of Applied Mathematics and Computation</i>, Volume 3(4), pp. 256-259, 2011. http://ijamc.psit.in ISSN 0974 - 4665 (print version) ISSN 0974 - 4673 (electronic version)</p> <p>a.3 SIMIĆ, Ana; BOGDANOVIĆ, Milena; MILOŠEVIĆ, Jelisavka. <i>The binary locating-dominating number of some convex polytopes</i>. ARS MATHEMATICA CONTEMPORANEA, [S.I.], v. 13, n. 2, p. 367-377, mar. 2017. ISSN 1855-3974. Available at: <http://amc-journal.eu/index.php/amc/article/view/973>. Date accessed: 25 Mar. 2017</p> <p>a.4 Aleksandar Lj. Savić, Zoran Lj. Maksimović, Milena S. Bogdanović, <i>The Open-Locating-Dominating Number of Some Convex Polytopes</i>, <i>Filomat</i> 32:2(2018), pp. 635-642, Faculty of Sciences and Mathematics, University of Niš, Serbia. https://doi.org/10.2298/FIL1802635.</p> <p>a.5 Bogdanović Milena, Maksimović Zoran, Simić Ana, Milošević Jelisavka, <i>A mixed integer linear programming formulation for low discrepancy consecutive k-sums permutation problem</i>, <i>Yugoslav Journal of Operations Research</i>, 27 (2017), Number 1, pp.125-132, OnLine-First DOI:10.2298/YJOR160104005B</p> <p>a.6 ANA SIMIĆ, MILENA BOGDANOVIĆ, ZORAN MAKSIMOVIC AND JELISAVKA MILOŠEVIĆ, <i>Fault-tolerant metric dimension problem: A NEW INTEGER LINEAR PROGRAMMING FORMULATION AND EXACT FORMULA FOR GRID GRAPHS</i>, <i>Kragujevac Journal of Mathematics</i> Volume 42(4) (2018), Pages 495–503.</p> <p>a.7. Zoran Maksimović, Aleksandar Savić, Milena Bogdanović, <i>The CONVEX AND WEAK CONVEX DOMINATION NUMBER OF CONVEX POLYTOPES</i>, <i>Revista de la Unión Matemática Argentina</i>, (accepted for publication) https://doi.org/10.33044/revuma.1739</p>
International conference papers	<ol style="list-style-type: none"> M. Bogdanović, <i>Electronic resources of Information in preparation and implementation Class teaching</i>, <i>Proceedings of the International Conference Information technology and development of Education ITRO 2012</i>, pp. 254-259, Technical faculty „Mihajlo Pupin“, Zrenjanin, June 2012. Milena Bogdanović, <i>Information and communication literacy - the need and necessity</i>, <i>ICTT 2013-2013 International Conference on Technology Transfer</i> under the framework of the TEMPUS project 158881-RS-JPHES <i>Proceedings</i>, pp. 91-97, University of Niš, 2013. ISBN 978-86-6125-083-5 Zoran Maksimović, Jozef Kratica, Aleksandar Savić, Milena Bogdanović, <i>Some Static Roman Domination Numbers for Flower Snarks</i>, <i>XIII Balkan Conference on Operational Research, BALCOR 2018</i>, Belgrade, 25-28 May, 2018. – <i>Proceedings</i>, pp. 9-16, The Mathematical

Institute of the –Serbian Academy of Sciences and Arts (SANU), Belgrade, ISBN: 978-86-80593-64-7

4. Zoran Maksimović, **Milena Bogdanović**, Jozef Kratica, Aleksandar Savić, *Open-locating-dominating number of generalized Petersen graphs*, XIV Symposium on Operations Research, International Regional Symposium, PROCEEDINGS SYM-OP-IS 2018. 16-18.09.2018. Zlatibor, p. 75-78, Faculty of Economics, Belgrade, UDK 519.8(082)(0.034.2), ISBN 978-86-403-1567-8, COBISS.SR-ID 269629708
5. Nemanja Zdravković, **Milena Bogdanović**, Miroslav Trajanović, Vijayakumar Ponnusamy, *Implementing Blockchain Technology for Health-related Early Response Service in emergency situations*, International Conference on Deep Learning, Computing and Intelligence – 2021. It is organized by the Department of Information Technology, SRMIST, during 7th and 8th January, 2021. <http://icdci2021.com/>