

Научне квалификације наставника на докторским студијама и задужења у настави

Презиме, средње слово, име	Ајбејан Селими		
Звање	Доцент		
Ужа научна област	Рачунарске науке		
Академска каријера			
	Година	Институција	Област
Избор у звање	2019	Интернационални Универзитет Визион	Рачунарске науке
Докторат	2019	Универзитет у Новом Пазару	Рачунарске науке
Мастер диплома	2015	ПМФ - Скопље, Северна Македонија	Математика
Диплома	2004	ПМФ - Скопље, Северна Македонија	Математика
Списак предмета које наставник држи на студијским програмима докторских студија			
Р.б.	Назив предмета		
1	Напредни системи заштите података		
2	Напредне теме из теорије кодовања		
3			
4			
5			
Најзначајнији радови у складу са захтевима допунских стандарда за дато поље (10 до 20)			
1	Saracevic M., Adamovic S., Macek N., Selimi A., Pepic S. (2021), Source and Channel Models for Secret-key Agreement Based on Catalan Numbers and the Lattice Path Combinatorial Approach, Journal of Information Science and Engineering, 37, 469-482, DOI: 10.6688/JISE.202103_37(2).0012, (SCI: IF = 0.541). https://jise.iis.sinica.edu.tw/JISESearch/pages/View/PaperView.jsf?keyId=179_2411		
2	Aybeyan Selimi, Muzafer Saracevic, Arafat Useini (2020). Impact of Using Digital Tools in High School Mathematics: A Case Study in North Macedonia. Universal Journal of Educational Research, 8(8), 3615 - 3624. DOI: 10.13189/ujer.2020.080838		
3	Selimovic F., Stanimirovic P., Saračević M., Selimi A., Krtolica P. (2020) Authentication based on the image encryption using Delaunay triangulation and Catalan objects, Acta Polytechnica Hungarica: Journal of Applied Sciences, Vol.17, No 2., 207-224. publisher: Obuda University, Hungarian Academy of Engineering and IEEE Hungary Section, (Science Citation Index: IF = 1.219).		
4	Saračević M., Selimi A. (2020), Data Encryption for IoT Applications based on Two-Parameter Fuss-Catalan Numbers, Internet of Everythings: Security and Privacy Paradigm (in Book: Security and Trust Issues in Internet of Things: Blockchain to the rescue), CRC Press, TAYLOR and FRANCIS, USA. ISBN: 9780367490652.		
5	Selimi A., Saračević M. (2019): Catalan Numbers and Applications, Vision International Refereed Scientific Journal, Volume 4, Issue 1, pp. 99 – 114.		
6	Selimi A., Krrabaj S., Saracevic M., Pepic S. (2019),. Computer Science - AGH, Vol.20, ISSN: 1508-2806. AGH University of Science and Technology, Poland, Indexed in SCOPUS (Elsevier) and ESCI-Emerging Sources Citation Index.		
7	Saračević M., Selimi A. (2019), Convex Polygon Triangulation based on Ballot problem and Planted Trivalent Binary Tree, Turkish journal of Electrical Engineering and Computer Sciences, Vol. 27, pp. 346 – 361, (IF = 0.625). http://journals.tubitak.gov.tr/elektrik/issues/elk-19-27-1/elk-27-1-26-1805-143.pdf		
8	Saracevic M., Selimi A., Plojovic S. (2019), Some specific examples of attacks on information systems and smart cities applications, SPRINGER Series: Advanced Sciences and Technologies for Security Applications (in Book: Cybersecurity and Secure Information Systems: Challenges and Solutions in Smart Environments), Springer International Publishing AG. https://link.springer.com/chapter/10.1007/978-3-030-16837-7_10		
9	Saracevic M., Elhoseny M., Selimi A., Loncarevic Z. (2019), Possibilities of applying the triangulation method in the biometric identification process, SPRINGER Series: Transactions on Computational Science and Computational Intelligence (in Book: Biometric Identification Technologies Based on Modern Data Mining Methods), Springer International Publishing AG. https://www.springer.com/series/11769		
10	Saračević M., Selimi A., Pepic S. (2019), Implementation of Encryption and Data Hiding in E-Health Application, Intelligent Data Processing and Information Security Systems, ISBN: 978-1-799-81290-6, IGI Global Book, USA		
11	Saračević M., Aybeyan S., Selimovic F. (2018), Generation of cryptographic keys with algorithm of polygon triangulation and Catalan numbers, Computer Science - AGH, Vol.19, ISSN: 1508-2806. AGH University of Science and Technology, Poland, Indexed in SCOPUS (Elsevier) and ESCI-Emerging Sources Citation Index.		

12	Selimi A., Saračević M. (2018), Computational Geometry Applications, Southeast European Journal of Soft Computing, ISSN: 2223 -1859, Vol.7, No.2. ISSN 2233 –1859: DOI: 10.21533/scjournal.v7i2.144		
13	Selimi A., Milošević M., Saračević M. (2018), AHP – TOPSIS Model as a Mathematical Support in the Selection of Project from Aspect of Mobility – Case Study. Journal of Applied Mathematics and Computation, Vol. 2 No. 6, pp. 257- 265, ISSN Print: 2576-0645 , USA		
14	Saračević M., Selimi A., Mujević M. (2018) Implementation Example of the Expert system for Decision Support on Android platform based on a specific Dataset. Periodicals of Engineering and Natural Sciences, ISSN: 2303-4521, Vol.6, No.1, Indexed in SCOPUS (Elsevier).		
15	Rahmanovic A., Saracevic M., Selimi A. (2018), Design and Implementation of Electronic Payment System in The Specific Case Study, Knowledge – International Journal, Vol.24, ISSN: 1857-923X.		
16	Selimi A., Achievement of MPEG-7 and MPEG-21 as standarts for access, distribution and management with information , Vision International Refereed Scientific Journal, Volume 3 (1), 2018, pp. 75-92.		
17	Saračević M., Selimi A., Application of the Computational Geometry in Linear Optimization, Vision International Refereed Scientific Journal, Volume 2, Issue 2, 2017, pp. 73 – 88.		
18	Selim A. Saračević M., The Importance of Riskless Cash with the Deterministic Return in Risk Assessment of Computer Lab, Hikmet Uluslararası Hakemli İlimi Araştırma Dergisi No: 29, 2017, pp. 144 – 158.		
19	Saračević M., Selimi A., Application of the Computational Geometry in Linear Optimization, Vision International Refereed Scientific Journal, Volume 2, Issue 2, 2017, pp. 73 – 88.		
20	Milošević M., Selimi A. and Milošević D., Information For Sustainable Development In Republic of Macedonia. Safety Engineering, Vol. 6 (2), 2016, pp. 65 -71, DOI:10.7562/SE2016.6.02.03		
Збирни подаци научне активности наставника			
Укупан број цитата	32	Број домаћих пројеката на којима наставник тренутно учествује	
Укупан број радова са SCI (SSCI) листе	3	Број међународних пројеката на којима наставник тренутно учествује	
Усавршавања			
Остали подаци који се сматрају релевантним			