

Naučnoistraživački rad – dr Marija Paunović (poslednjih 10 godina)

Monografije, monografske studije, tematski zbornici, leksikografske i kartografske publikacije međunarodnog značaja – M10		
1.	Marija Paunović, Vladimir Gajović, Nebojša M. Ralević, QUANTITATIVE METHODS FOR DETERMINING PREMIUM RATES IN TRANSPORTATION INSURANCE UNDER UNCERTAINTY, In book: Quantitative Methods in Logistics (April 6, 2020), Chapter 7, 123-138, https://doi.org/10.37528/FTTE/9786673954196.LO (http://doi.org/10.37528/FTTE/9786673954196.007), UDC: 621.8, University of Belgrade, Faculty of Transport and Traffic Engineering, 2020, ISBN 978-86-7395-411-0 (print), ISBNe 978-86-7395-419-6 https://ebooks.sf.bg.ac.rs/index.php/FTTE/catalog/book/2	M14
2.	Marija Paunović, Nevena Vasović, (2020). Evaluation model of tourism development based on uncertain linguistic information. The Fifth International Scientific Conference, Tourism in function of development of the Republic of Serbia, Tourism and Rural Development” pp. 332-349, Vrnjaska Banja 3-5 September, 2020, ISBN 978-869-89949-9, ISBN 978-86-89949-47-6	M14
3.	M. Kerkez, N. M. Ralević, (2018) Uncertainty analysis and risk modeling in insurance, Insurance in the post-crisis era, (Kočović, J. et al. eds) University of Belgrade, Faculty of Economics Publishing Centre, Chapter 18, 309-326, (ISBN: 978-86-403-1548-7)	M14
4.	M. Kerkez, V. Gajovic, (2017) QUANTITATIVE MODELS IN INSURANCE, PART VII, Application of Markov Chain in Actuarial modelling, Challenges and tendencies in contemporary insurance market, (Kočović, J. et al. eds), University of Belgrade, Faculty of Economics Publishing Centre, pp. 431 - 454, 978-86-403-1522-7.	M14
5.	Kerkez M., Gajović V. (2016). Underwriting risk assessment in marine cargo insurance, Risk management in the financial services sector, (Kočović, J. et al. eds), University of Belgrade, Faculty of Economics Publishing Centre, pp. 381 - 399, 978-86-403-1487-9, 005.334:336.1.07 005.334:658.15, 978-86-403-1487-9.	M14
6.	Kerkez, M., Milutinović, O. (2018). Modelling service quality in the hotel industry, Third International Scientific Conference Tourism in Function of Development of the Republic of Serbia - Tourism in the Era of Digital Transformation, Vrnjaska Banja May 31 – June 2, 2018, ISBN 978- 86-89949-29-2, ISBN 978-86-89949-30-8.	M14
7.	Kerkez, M., Pavlović, B. (2015). Catastrophic risks and Sustainable development. Power plants insurance against catastrophic risks. Kočović et. al (eds), University of Belgrade, Faculty of Economics Publishing Centre, Ch. 12, pp. 201 - 221, ISBN: 978-86-403-1418-3.	M14
Radovi objavljeni u naučnim časopisima međunarodnog značaja – M20		
1.	Marija Paunović, Nebojša M. Ralević, Vladimir Gajović, Biljana Mladenović-Vojinović, and Olivera Milutinović (2018). Two-Stage Fuzzy Logic Model for Cloud Service Supplier Selection and Evaluation, Mathematical Problems in Engineering, MATH PROBL ENG, ISSN: 1024-123X, Hindawi Publishing Corporation, https://doi.org/10.1155/2018/7283127 (IF 2017: 1.145)	M22
2.	Ralević N., Paunović M. (2019). c-Credibility Measure. Filomat, Vol 33, No 9 https://doi.org/10.2298/FIL1909571R (IF 2019: 0.848)	M22
3.	M. Paunović, N. Ralević, O. Milutinović, Ž. Vojinović, B. Mladenović-Vojinović (2019). Integrated Fuzzy System and Multi-Expression Programming Techniques for Supplier Selection, Tehnički vjesnik - Technical Gazette 26, 1, DOI: 10.17559/TV-20171206111409 (ISSN: 1330-3651), Strojarski fakultet u Slavanskom Brodu, Elektrotehnički fakultet u Osijeku, Gradjevinski fakultet u Osijeku, Croatia (IF 2019: 0.670)	M23
4.	Gajović, V., Kerkez, M., Kočović, J. (2018). Modeling and simulation of logistic processes: risk assessment with a fuzzy logic technique. SAGE Journal. Simulation: Transactions of the Society for Modeling and Simulation International, Vol. 94(6), 507–518. DOI: 10.1177/0037549717738351	M23
5.	Paunović, M., Ralević, N., Gajović, V. (2020). Application of the C-Credibility Measure. Tehnički vjesnik, 27 (1), 237-242. https://doi.org/10.17559/TV-20200113093742 (IF 2019: 0.670)	M23
6.	Ralević, N., Paunović, M. (2020). Applications of the Fuzzy Metrics in Image Denoising and Segmentation, Technical Gazette, Print: ISSN 1330-3651, Online: ISSN 1848-6339), Vol. 28/No. 3 TV-20200305075136 (accepted for publication) (IF 2019: 0.670)	M23
7.	Nebojša M. Ralević, Marija Paunović, Bratislav Iričanin. (2020). Fuzzy metric spaces and applications in image processing, Mathematica Montisnigri, Vol XLVIII (2020), 103-117, ISSN 0354-2238 (Print), ISSN 2704-4963 (Online), DOI: 10.20948/mathmontis. (WoS ISI IF 0.501)	M24
8.	Paunović, M., Milutinović, O., Puzić, G. (2018). Personal subjectivity impact reduction in choice of sour cherry varieties for orchard establishment using fuzzy system. Economics Of Agriculture, 65(2), 545-554. doi:10.5937/ekoPolj1802545P.	M24
Zbornici međunarodnih naučnih skupova – M30		

1.	Marija Paunović (2019). "Cyber risk management and actuarial analysis", XVII International Symposium in Insurance „Insurance at the Threshold of the Fourth Industrial Revolution“, 16-19. May 2019. Zlatibor. University of Belgrade, Faculty of Economics Publishing Centre, Part V, Chapter 27, pp. 457-472, ISBN: 978-86-403-1589-0.	M31
2.	Dejan Čebić, Marija Paunović, Nebojša M. Ralević, (2018). A Variant of Sharma-Arora's Optimal Eighth-Order Family of Methods for Finding A Simple Root of Nonlinear Equation, SISY 2018, IEEE 16th International Symposium on Intelligent Systems and Informatics, September 13-15, 2018, Subotica, Serbia, Obuda University, Budapest, Hungary; Subotica Tech, Serbia; University of Novi Sad; Subotica: Visoka tehnicka skola strukovnih studija, Serbia, pp. 81-86.	M33
3.	M. Kerkez (2017). Actuarial methods and assumptions in the retirement benefits plans, Economic and Social Development (Book of Proceedings), 21st International Scientific Conference on Economic and Social Development, Varazdin Development and Entrepreneurship Agency, Varazdin, Croatia; John Naisbitt University, Belgrade, Serbia; University North, Koprivnica, Croatia; Faculty of Management University of Warsaw, Warsaw, Poland., pp. 360 - 368, 1849-7535, Belgrade, 18. - 19. May, 2017	M33
4.	M. Kerkez, V. Gajovic, G. Puzić (2017). Flood risk assessment model using the fuzzy analytic hierarchy process, Progress in Economic Sciences, Instytut Ekonomiczny Państwowa Wyższa Szkoła Zawodowa im. Stanisława Staszica w Pile, 4, pp. 271 - 282, 2391-5951, 10.14595/PES/04/019, Jul 2017.	M33
5.	Marija Kerkez, Vladimir Gajović (2016). Natural resources catastrophic risk assessment modeling, 6th International Symposium on Natural Resources Management, Faculty of Management Zajecar, John Naisbitt University, 6, pp. 203 - 212, 978-86-7747-542-0, 005:330.15(082) 502.131.1(082) 620.9(082) 338.48(082), Србија, 25. - 26. Jun, 2016.	M33
6.	Milutinović, O., Kerkez, M., Mladenović - Vojinović, B. (2018). Fuzzy logic inference system model for risk assessment in information technology and services environment, Economic and Social Development, 30th International Scientific Conference on Economic and Social Development - Belgrade, 25-26 May 2018, 249-255.	M33
7.	Marija Kerkez, Nebojša M. Ralević, Tanja Todorovic, Boris Zezelj (2018). Risk Assessment based on integrated fuzzy MEP methodology 30th International Scientific Conference on Economic and Social Development, Belgrade, Serbia, 25-26 May 2018, str. 168-173. (ISSN: 2584-6485), Varazdin Development and Entrepreneurship Agency, Varazdin, Croatia; Faculty of Management University of Warsaw, Warsaw, Poland; University North, Koprivnica, Croatia; Faculty of Law, Economics and Social Sciences Sale - Mohammed V University in Rabat, Morocco.	M33
8.	Vladimir Gajović, Marija Paunović, Nebojša Ralević, Milorad Kilibarda (2018). Insurance as an instrument of risk management in logistics systems, International Conference on Traffic and Transport Engineering, ICTTE 2018, September 27-28th, 2018, Belgrade, Serbia, pp. 974 - 979, ISBN 978-86-916153-4-5.	M33
9.	Nebojša M. Ralević, Marija Paunović, Bratislav Iričanin, Fuzzy metric spaces and applications in image processing, 14-14, Mathematical meeting of Serbia and Montenegro 2019, 11-14. X 2019, Budva, Montenegro, Mathematical forum for the development of mathematics in Montenegro. https://www.mathforum.me/naucni-skupovi/suretmatsrbcg/	M34
10.	Marija Paunović, Nebojša Ralević (2018). Processes in Uncertainty Theory. Contemporary mathematical problems, Conference Dedicated to Professor Milenko Pikula, Trebinje, 12-13 October 2018.	M34
11.	Kerkez M, Estimating Reserve for Incurred but not Reported Claims with Fuzzy Regression Model, 2nd International Conference on Finance, Accounting and Auditing (FAA13) and Risk Management, Assessment and Mitigation (RIMA13), Brasov, Romania, ISBN: 978-1-61804-192-0,	M33
12.	Kerkez M, Fuzzy Regression Model Applied to the IBNR Claims, 4th International Conference, RECENT RESEARCHES in LAW, SCIENCE and FINANCES, North Atlantic University Union, Chania, Crete Island, Greece, ISBN: 978-960-474-327-8,	M33
13.	Mirela Mitrašević, Marija Kerkez, Mihailo Kočović, VIII međunarodni simpozijum, Finansijski i aktuarski aspekti adekvatnosti kapitala osiguravača, Zlatibor 2010, pp. 179-188.	M33
14.	Kerkez M, Milovanović G.V, Estimating IBNR Reserves with Fuzzy Regression, VII International Symposium on Insurance, 183-198, 2009. ISBN. 978-86-84309-22-0, COBISS.SR-ID 167181580	M33
Radovi u časopisima nacionalnog značaja - M50		
1.	Milutinović O., Kerkez M. (2017). Matematički model za ocenu rizika u funkciji ljudskih resursa, Megatrend revija, 14, 3, pp. 135 - 148, 1820-3159, UDC 005.96:005.334.	M51
2.	Kerkez M., Ivanović I. (2016). Katastrofalni rizici i osiguranje, Megatrend revija, 13, 2, pp. 17 - 36, 1820-3159, UDK 368.17/.18.	M51
3.	Vladimir Gajović, Marija Paunović, (2018) Applying fuzzy mathematics to risk assessment in insurance industry, Tokovi osiguranja, vol. 1, 23-38. UDK: 678.01:519.87:368.025.61:51-7:581.8:159.9.015	M53

4.	Marija Paunović, Vladimir Gajović, (2020). Adjustment of mortality tables by Limited fluctuation method, Tokovi osiguranja, 36 (1), 16-24.	M51
5.	Marija Paunović, Dejan Čebić, Nebojša Ralević, (2020) The external aggregation Newton's method for solving nonlinear equations and applications, University thought: Publication in Natural Sciences, Vol.10, No.1,doi: 10.5937/univtho10-24982 https://aseestant.ceon.rs/index.php/univtho/article/view/24982	M54
Predavanja po pozivu na skupovima nacionalnog značaja M60		
1.	Nebojša M. Ralević, Marija Paunović, Biljana Mladenović-Vojinović (2019). Mere rasplinitosti fazi skupa, pp. 59-64, The Fourth Conference on Mathematics in Engineering: Theory and Applications, META 2019, Faculty of Technical Sciences, May 10-12th, 2019, Novi Sad, Serbia.	M63
2.	Nebojša M. Ralević, Marija Paunović, (2019). Specifičnosti zahteva standarda 15: Studije na daljinu, XXV skup Trendovi razvoja: "Kvalitet visokog obrazovanja", Trend 2019, Kopaonik (Kraljevi čardaci Spa), 11.-14.02.2019., Fakultet tehničkih nauka Univerziteta u Novom Sadu, Novi Sad, Paper No. T2.2-3, str. 264-267; ISBN: 978-86-6022-140-9.	M63
3.	Mladenović Vojinović B, Kerkez M, Matching pursuit i rečnici talasnih oblika, XXXVII SYM-OP-IS 2010, Zbornik radova , pp. 409-412, 2010.	M63