

## Spisak naučnih i stručnih radova:

1. Makajić Nikolić D, Andric B, Stanojević M, Pavlović P (2006) Simulacija rada semafora pomoću Petrijevih mreža. Zbornik radova XXXIII SYMOPIS, Banja Koviljača, 433-436 (M63)
2. Grujić I, Pavlović P (2010) Konvertor JAVA SWING APLIKACIJA U GWT aplikacije, YU INFO 2010, Kopaonik (M63)
3. Pavlović P, Makajić Nikolić D, Grujić I (2010) Simulacija rada signalisane raskrsnice primenom Petrijevih mreža. Zbornik radova XXXVII SYMOPIS, Tara, 681-684 (M63)
4. Vujić S, Benović T, Miljanović I, Hudej M, Milutinović A, Pavlović P (2011) Fuzzy Linear Model for Production Optimization of Mining Systems With Multiple Entities. International Journal of Minerals, Metallurgy and Materials 18(6) doi:10.1007/s12613-011-0488-8 (M23)
5. Pavlović P, Makajić Nikolić D, Vujošević M (2014) Primena Petrijevih mreža u analizi i modeliranju lanaca snabdevanja. Zbornik radova XLI SYMOPIS, Divčibare, 299-304 (M63)
6. Pavlović P, Makajić Nikolić D, Vujošević M (2015) Novi pristup određivanju K najznačajnijih komponenata sistema, SYMOPIS, Srebrno Jezero, ISBN 978-86-80593-55-5,634-637 (M63)
7. Čabarkapa D., Grujić I.,Pavlović P. (2015) Comparative Analysis of the Bluetooth Low-Energy Indoor Positioning Systems,TELKSIS,Niš, 76-79, doi: 10.1109/TELSKS.2015.7357741(M33)
8. D. Čabarkapa, P. Pavlović (2016) Design and Analysis of Realistic Vehicle Traces Model based on the Evolutionary Algorithms, ICEST 2016 Proceeding of Papers, 51st International Scientific Conference on Information, Communication and Energy Systems and Technologies, 28 - 30 June, Ohrid, Macedonia, pp. 153-158, ISBN 978-9989-786-78-5 (M33)
9. Petar Pavlović, Dragana Makajić-Nikolić, Mirko Vujošević, Danijel Čabarkapa(2016) Nova troškovna mera značajnosti, Zbornik radova 43. Simpozijuma o operacionim istraživanjima, Sym-Op-Is 2016, Tara, 20-23 Septembar, 435-438. ISBN: 978-86-335-0535-2 (M63)
10. Vujošević M., Makajić-Nikolić D, Pavlović P (2017) A New Approach to Determination of the Most Critical Multistate Components in Multi-State Systems, Proceedings of 2nd MAINTENANCE FORUM 2017: MAINTENANCE AND ASSET MANAGEMENT, Montenegro, Bečići, 23-27th May 2017, 141-147, ISBN 978-86-84231-42-2; COBISS.SR-ID 234788620 (M33)
11. Pavlović P, Makajić-Nikolić D, Vujošević M. (2017) A new approach for determining the most important system components and the budget-constrained system reliability improvement. Eksplotacija i Niezwodnosc – Maintenance and Reliability; 19 (3): 413–419, <http://dx.doi.org/10.17531/ein.2017.3.12> (M22)
12. Pavlović P, Makajić Nikolić D, Vujošević M (2017) Kritičnost komponenti u *Multi State* sistemima. Zbornik radova XLIV SYMOPIS, Zlatibor, 420-425 (M33)
13. Vujošević M, Makajić Nikolić D, Pavlović P (2017) A new approach to determination of the most critical multi-state components in multi-state systems. Journal of Applied Engineering Science, IIPP Publishing; vol 15, 401-405, ISSN:1451-4117, E-ISSN: 1821-3197, DOI:10.5937/jaes15-15936 (M51)
14. P Pavlović, M Makajić-Nikolić, M Vujošević (2019) Determining the Set of the Most Critical System Components – Optimization Approach, Advances in Operations Research in the Balkans (15-30), Springer SPBE. ISBN 978-3-030-21989-5 (M13)
15. Dragana Makajić-Nikolić, Petar Pavlović, Mirko Vujošević (2020) Rešavanje problema minimalnog pogađanja skupa pomoću karusel heuristike, Zbornik radova 46. Simpozijuma o operacionim istraživanjima, Sym-Op-Is 2019, Kladovo, 15-18 Septembar, 193-198. ISBN: 978-86-7680-363-7 (M33)