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LIST OF RESEARCH AND PROFESSIONAL PAPERS

Summary:

- INTERNATIONAL JOURNALS: **29 papers** = 8 (*Thomson Reuters SCI/SCIE: M20*) + 21 (*other*) = **47 points**
- NATIONAL JOURNALS: **21 papers** = 8 (*Serbian Citation Index: M24 and M50*) + 13 (*other*) = **27 points**
- INTERNATIONAL CONFERENCE PROCEEDINGS: **42 papers** = 35 (*M33*) + 7 (*M34*) = **38,5 points**
- NATIONAL CONFERENCE PROCEEDINGS: **18 papers** = 15 (*M63*) + 3 (*M64*) = **8,25 points**
- BOOK, PRACTICUM: **4 publications** (*M14, M43*) = **14 points** / PHD THESIS (*M71*) = **6 points**
- OTHER PUBLICATIONS: **8 publications** (*without points for scientific competence*)
- **Total number of publications = 122; Index of scientific competence = 139,75 points.**

PHD, MSc AND BSc THESIS

- **PhD Thesis:** Faculty of Sciences and Mathematics, University of Niš, Serbia.
Methods for solving the polygon triangulation problem and their implementation, COBISS.SR-ID 1024571113.
Classification of thesis: **Computer graphics; Computational geometry** [68U05].
Supervisor: *Dr Predrag Stanimirović, full professor.*
- **MSc Thesis:** Faculty of Technical Sciences, University of Kragujevac, Serbia.
The application of Java applets to create interactive contents for e-learning in mathematics, COBISS.SR-ID 512368286.
Classification of thesis: **Mathematics Education; Educational technology** [97U].
Supervisor: *Dr Danijela Milošević, associate professor.*
- **BSc Thesis:** Faculty of Informatics and Computing in Belgrade, Serbia.
Application of Catalan numbers and some combinatorial problems in cryptography.
Classification of thesis: **Cryptology and Coding theory** [94A60, 14G50].
Supervisor: *Dr Saša Adamović, associate professor.*

CHAPTER IN INTERNATIONAL MONOGRAPH (M14)

122. Saračević M. (2017), *Thematic Monography "Balkan Educational Research"* (Editor of Book: *Hikmet Asutay*), Author of Chapter: *WIRIS and Moodle Environment As Global Solution For Mathematics Education - Research About Positive Impact On Teaching And Learning*, ISBN: 978-975-374-213-9, Trakya University - Faculty of Education in Edirne, Turkey.

REFEREED JOURNAL PAPERS

INDEXED INTERNATIONAL AND DOMESTIC JOURNALS

121. Milošević D., Pepić S., **Saračević M.**, Tasić M. (2016), Weighted Moore-Penrose generalized matrix inverse: MySQL vs. Cassandra database storage system, *Sadhana - Academy Proceedings in Engineering Sciences*, Vol. 41, Issue 8, pp. 837-846, ISSN: 0256-2499, publisher: SPRINGER and Indian Academy of Sciences, DOI :10.1007/s12046-016-0523-6. (*Thomson Reuters Science Citation Index: IF for 2016 = 0.465*).

120. Sabanović M., **Saračević M.**, Azizović E. (2017), One software solution for data transfer between client and server with emphasis on saving memory and CPU usage, *International Journal of Industrial Engineering and Management (IJIEM)*, ISSN: ISSN: 2217-2661, Vol.8, No.1, pp. 1-8, Indexed in SCOPUS (Elsevier).
119. Rahmanović A., **Saračević M.** (2017), The Significance of Using ICT in Telemetric Monitoring, Process Weighing and Control of The Coal, *Southeast European Journal of Soft Computing*, ISSN: 2223 -1859, Vol.6, No.1, pp. 40-43.
118. Stanimirović P., Krtolica P., **Saračević M.**, Mašović S. (2014), Decomposition of Catalan Numbers and Convex Polygon Triangulations, *International Journal of Computer Mathematics*, ISSN: 0020-7160, Vol. 91, No. 6, pp. 1315–1328, DOI: 10.1080/00207160.2013.837894, publisher: Taylor and Francis - United Kingdom. (*Thomson Reuters Science Citation Index: IF for 2014 = 0.824*). Research project of the Serbian Ministry of Science [174033].
117. Mašović S, **Saračević M.**, Stanimirović P. (2014), Alpha-Numeric notation for one Data Structure in Software Engineering, *Acta Polytechnica Hungarica: Journal of Applied Sciences*, ISSN: 1785–8860, Vol.11, No.1, pp.193-204, publisher: Obuda University, Hungarian Academy of Engineering and IEEE Hungary Section. (*Thomson Reuters Science Citation Index: IF for 2014 = 0.649*).
116. **Saračević M.**, Stanimirović P., Krtolica P., Mašović S. (2014), Construction and Notation of Convex Polygon Triangulation based on ballot problem, *ROMJIST - Journal of Information Science and Technology*, Vol.17, No.3, ISSN: 1453–8245, pp. 237–251, publisher: IMT Bucharest - National Institute for Research and Development in Microtechnologies. (*Thomson Reuters Science Citation Index: IF for 2014 = 0.304*). Research project of the Serbian Ministry of Science [174013].
115. Novalić F., Novalić M., **Saračević M.**, Azizović E. (2017), The Importance of E-learning for Doing Homework in Teaching Islamic Religious Instructions in Primary Schools, *Croatian journal of education*, ISSN: 1848-5189, Vol.19, No.1, pp. 267-303. (*Thomson Reuters Science Citation Index: IF for 2016 = 0.126*)
114. **Saračević M.**, Aybeyan Selimi (2017), Application of the Computational Geometry in Linear Optimization, *VISION-International Refereed Scientific Journal*, accepted for Vol. 2, No.2.
113. Sabanović M., **Saračević M.**, Azizović E. (2016), Comparative analysis of technologies for data transfer between the server and the client: AMF, JSON and XML, *Periodicals of Engineering and Natural Sciences*, ISSN: 2303-4521, Vol.4, No.2, DOI: 10.21533/pen.v4i2.57.g76.
112. Rahmanović A., **Saračević M.** (2016), The feasibility and benefits of GPS telemetric monitoring in mining, *MEST Journal- Management, Education, Science and Society, Technology*, ISSN: 2334-7058 (Online), Publishers: MESTE NGO Belgrade, Faculty of Business and Industrial Management of the "Union" University Serbia, SZ and Associates, Toronto, Canada.
111. Selimi Aybeyan, **Saračević M.** (2016), The importance of riskless cash with the deterministic return in risk assessment of computer lab, *International peer-reviewed scientific journal of scientific research: Hikmet*, ISSN: ISSN: 1857-9663, (*accepted for publication*).
110. Plojovic S., Novalic F., **Saracevic M.**, Plojovic S. (2016), The possibility of implementation of decision support system in the process of maintenance of machinery, *FBIM Transactions: Journal for Finance, Business, Information, Industrial technologies and Management*, ISSN: 2334-704X, publisher: MESTE.
109. Raicevic J, Nikolic S., Lipovac V., **Saracevic M.** (2017), Teachers and School Learning as a Factor of Modern Educational Competencies, *Bulgarian Journal of Science and Education Polict (BJSEP)*, ISSN: 1313-1958, Vol.11, No.2.
108. Rahmanović A., **Saračević M.** (2016), Implementation of project GPS system in the function of telemetric monitoring and control in mining, *TEM Journal: Association for Information Communication Technology Education and Science*, Vol.5, No.4, pp. 475–479, ISSN:2217-8309, Published by: UIKTEN, indexed in Thomson Reuters Emerging Science Citation Index.
107. Rahmanović A., **Saračević M.** (2016), Advantages of modern project management in the construction of ICT infrastructure, *CDQM Journal: Communications in Dependability and Quality Management*, ISSN: 1450–7196, Vol.19, No.3, pp. 18–24.
106. Mašović S., **Saračević M.** (2014), Finding Optimal Triangulation based on Block Method, *Southeast European Journal of Soft Computing*, ISSN: 2223 -1859, Vol.3, No.2, pp. 14-18.
105. Selimovic F., Loncarevic Z., **Saracevic M.** (2014), Improving university services using mobile web applications based on PHP/JSON-RPC technology, *Singidunum Journal of Applied Sciences*; 2014 Supplement (from SINTEZA), pp: 1015-1019, 5p, DOI: 10.15308/SInteZa-2014-1015-1019, ISSN:2217-8090, Indexed in EBSCO.
104. **Saračević M.**, Stanimirović P., Mašović S. (2013), Object-oriented analysis and design for one algorithm of computational geometry: Forward, Reverse and Round-Trip Engineering, *Journal of Information Technology and Applications*, ISSN: 2232-9625, Vol.3, No.2, pp. 96-106, indexed in: EBSCO Publishing.

103. **Saračević M.**, Mašović S., Milošević D., Kudumović M. (2013), Proposal for applying the optimal triangulation method in 3D medical image processing, *Balkan Journal of Health Science*, ISSN: 2303-4092, Vol.1, No.1, pp. 27-34.
102. **Saračević M.**, Mašović S. (2013), Advantages of ACID compliance in application development in FIREBIRD databases, *Strategic Management - International Journal of Strategic Management and Decision Support Systems*, ISSN: 1821-3448, Vol.18, No.1, pp.53-61.
101. **Saračević M.**, Stanimirović P., Mašović S. (2013), Implementation of some algorithms in computer graphics in Java, *Technics Technologies Education Management*, Vol. 8, No.1, pp. 293-300, publisher: DRUNPP Association - Society for development of teaching and business processes in new net environment in BIH, (*Thomson Reuters Science Citation Index: IF for 2012 = 0.414*).
100. **Saračević M.**, Mašović S., Milošević D. (2013), Java implementation for triangulation of convex polygon based on Lukaszewicz's algorithm and binary trees, *Southeast European Journal of Soft Computing*, ISSN: 2223-1859, Vol.2, No.2, pp. 40-45.
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89. Mašović S., **Saračević M.**, Kamberović H., Kudumović M., (2012), Java technology in the design and implementation of web applications, *Technics Technologies Education Management*, ISSN: 1840-1503, Vol.7, No.2, pp. 504-512, publisher: DRUNPP Association - Society for development of teaching and business processes in new net environment in BIH, (*Thomson Reuters SCIE: IF for 2012 = 0.414*).
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78. Mujovic A., **Saračević M.**, Koricanin E., Kamberovic H. (2014), Primena alata za kolaborativni rad sa dokumentima u nastavi i poslovanju, *Univerzitetska misao - časopis za nauku, kulturu i umjetnost*, ISSN: 1451-3870, vol.13, No.1, str. 114-132.
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PROCEEDINGS PAPER (FULL-TEXT)

65. Selimi A., **Saračević M.** (2017), Evaluation of mathematical exam in state matura in the republic of Macedonia, **Second Mediterranean international social congress (MECAS II)**, October 10-13, 2017 Metropol, Hotel Ohrid, Macedonia.
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63. Novalić F., Novalić M., **Saračević M.**, Hadzic M. (2016), Istraživanje potreba primjene LCMS tehnologija u nastavi Islamske vjeronauke / The research needs of the application LCMS technology in teaching Islamic religious instruction, **Međunarodna naučno-stručna konferencija - Inovacijama u budućnost**, ISBN: 978-86-84531-27-0, Fakultet za primenjeni menadžment, ekonomiju i finansije, Beograd.
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60. Korićanin E., **Saračević M.** (2015), Designing of teaching e-materials by a model of instructional design: Development and implementation of the course "Human-computer interaction", **NETworking, Science and Application (NETSA)**, ISBN: 978-86-7912-592-7, pp. 34–40, Faculty of Business, Singidunum University in Belgrade.
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46. **Saračević M.**, Medjedović E., Ahmeti J., Mustafić F. (2011), Comparative analysis of the success studying students attending traditional learning or e-learning, *ITRO-conference: Information technology and development of education*, ISBN: 978-86-7672-134-4, pp.326-332, Technical Faculty "Mihajlo Pupin", University of Novi Sad.
45. **Saračević M.**, Mašović S., Medjedović E., Lončarević Z., Kamberović H. (2011), Primena UML-a u razvoju softvera larmanovom metodom, *X međunarodni naučno-stručni Simpozijum INFOTEH - Jahorina*, BIH, ISBN: 99938-624-2-8, Vol. 10, Ref. E-I-27, p. 519-523.
44. **Saračević M.**, Mašović S., Medjedović E., Kamberović H.(2011), Integracija WIRIS alata sa sistemom za e-učenje kao način unapredjenja nastave matematike, *INFOTECH 2011 - ICT Conference: Exhibition, Proceedings*, ISBN: 978-86-82831-12-9, Vrnjačka Banja.
43. **Saračević M.**, Milošević D., Medjedović E., Novalić F. (2011), Neki predlozi unapredjenja nastave matematike primenom alata za e-učenje, *6th International Symposium, technology, informatics and education for learning and knowledge society (TIO)*, ISBN: 978-86-7776-127-1, Voll., pp. 459-466.
42. **Saračević M.**, Mašović S., Medjedović E., Selimović F., Šemsović M. (2011), Reinženjering nastavno-naučnog procesa na Univerzitetu u Novom Pazaru, *RPPO2011 - Reinženjering poslovnih procesa u obrazovanju*, ISBN: 978-86-7776-128-8, str. 29-35, Univerzitet u Kragujevcu.
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40. **Saračević M.**, Mašović S., Medjedović E., Hadžiahmetović A. (2011), Infrastruktura za realizaciju i razvoj e-učenja u obrazovnom sistemu, *YUINFO 2011: XVII međunarodna konferencija o računarskim naukama i informacionim tehnologijama* (e-zbornik radova), pp. 15-19.
39. **Saračević M.**, Mašović S., Selimović F. (2011), Pozitivan uticaj primene JAVA programskog jezika u grafičkom predstavljanju problema u nastavi matematike, *Festival informatičkih dostignuća - INFOFEST 2011*, pp. 164–172.
38. Hadžiahmetović A., **Saračević M.**, Milošević D., Medjedović E.(2011), Apleti u nastavi kao podrška u funkciji motivacije talentovanih učenika, *6th International Symposium, technology, informatics and education for learning and knowledge society (TIO)*, ISBN: 978-86-7776-122-6, Vol2., pp. 773-780.
37. Mašović S., **Saračević M.**, Kamberović H., Medjedović, Lončarević, (2011), Procesni pristup razvoja sistema za elektronsko učenje i UML modelovanje, *YUINFO 2011: XVII međunarodna konferencija o računarskim naukama i informacionim tehnologijama* (e-zbornik radova), pp. 46-51.
36. Mašović S., **Saračević M.**, Medjedović E., (2011), Softverski alati za kolaborciju u savremenom poslovnom okruženju, *Naučna konferencija - AGROBIZNIS2011 (u okviru projekta Bolja saradnja za bolju budućnost)*, ISBN 978-86-84389-25-3, str. 436-447, Univerzitet u Novom Pazaru.

35. Mašović S., **Saračević M.**, Zornić Dž. (2011), Bezbednost podataka u VPN-u na javnoj globalnoj mreži, *E-Trgovina / E-Commerce 2011: XI konferencija o elektronskoj trgovini i elektronskom poslovanju*, Akademski dan (e-zbornik radova), Palić-Subotica.
34. Mašović S., **Saračević M.**, Kamberović H., Medjedović E. (2011), Application ICT in Public Administration as a Condition of Establishing E-Government, *5th International quality conference*, Faculty for mechanical engineering, Center for Quality, ISBN:978-86-86663-68-9, Vol.1, pp. 387-392.
33. Medjedović E., **Saračević M.**, Mašović S., Biševac E. (2011), The Application of EDI Technology in Small and Medium Enterprises, *International scientific Conference - SMEPP 2011 (Small and Medium Enterprises - Possibilities and Perspectives)*, ISBN: 978-86-84389-26-0, pp. 551-563.
32. Mašović S., **Saračević M.**, Kamberović H., Medjedović E., Selimović F. (2011), Integrated Management Web-Based Applications on Java platform, *5th International quality conference*, Faculty for mechanical engineering, Center for Quality, ISBN: 978-86-86663-68-9, Vol. 2, pp.573-580.
31. Medjedović E., **Saračević M.**, Mašović S., Biševac E., Kamberović H. (2011), Infrastruktura sistema za e-učenje na Univerzitetu u Novom Pazaru, *X međunarodni naučno-stručni Simpozijum INFOTEH - Jahorina*, BIH, ISBN: 99938-624-2-8, Vol. 10, Ref. E-V-21, pp. 842-845.
30. Mašović S., **Saračević M.**, Kamberović H., Medjedović E. (2011), Modern trends in higher education and the future of e-learning, *ITRO-conference: Information technology and development of education*, ISBN: 978-86-7672-134-4, pp.321-326, University of Novi Sad, Serbia.
29. Novalić F., Selimović F., **Saračević M.** (2011), The importance of use web applications in small and medium companies, *International scientific Conference - SMEPP 2011 (Small and Medium Enterprises - Possibilities and Perspectives)*, ISBN: 978-86-84389-26-0, pp. 543-551.
28. **Saračević M.**, Mašović S., Medjedović E. (2010), Application of object-oriented analysis and design in navigation systems and transport networks, *10th International Conference "Research and Development in Mechanical Industry", RaDMI 2010*, ISBN: 978-86-6075-017-6, pp. 656-664.
27. **Saračević M.**, Mašović S. (2010), Primena UML modelovanja i PHP jezika u izradi web aplikacije za e-učenje, *The First International Conference eLearning2010*, ISBN: 978-86-912685-3-4, vol1., str. 131-136, Univerzitet METROPOLITAN, Beograd.
26. **Saračević M.**, Mašović S., Kamberović H. (2010), Tehnike Text Mining-a i njihova realizacija primenom objektno-orijentisane analize, *18. Internacionalni telekomunikacioni forum TELFOR 2010*, ISBN: 978-86-7466-392-9, pp. 1097-1100, Organizator: Elektrotehnički Fakultet Univerziteta u Beogradu i IEEE Serbia COM chapter.
25. **Saračević M.**, Mašović S., Lončarević Z. (2010), Primena UML dijagrama aktivnosti u predstavljanju Data Mining modela tehnikom genetskih algoritama, *18. Internacionalni telekomunikacioni forum TELFOR 2010*, ISBN: 978-86-7466-392-9, pp. 1101-1104, Organizator: Elektrotehnički Fakultet Univerziteta u Beogradu i IEEE Serbia COM chapter.
24. Mašović S., **Saračević M.**, Kamberović H., Milović B. (2010), Information and communication technology as a tool for establishing e-health, *10th International Conference "Research and Development in Mechanical Industry", RaDMI 2010*, ISBN: 978-86-6075-017-6, pp. 624-632.
23. Mašović S., **Saračević M.**, Kamberović H. (2010), Objektno-orijentisani pristup u simulaciji i metodologija simulacionog modeliranja, *Festival informatičkih dostignuća - INFOFEST 2010*, str.118-130, Budva, Crna Gora.
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19. Mašović S., **Saračević M.**, Kamberović H., Lončarević Z. (2010), Elektronski servisi u javnoj upravi kao uslov za uspostavljanje e-Uprave, *XIV Konferencija: E-Government - Informacioni sistem državnih organa Republike Srbije (IS-DoS 2010, e-zbornik)*.

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15. **Saračević M., Biševac E.** (2013), Značaj primene IS na Visokoškolskim ustanovama (IS baziran na Python-u i Java tehnologijama. Studija slučaja: Univerzitet u Novom Pazaru), *V Konferencija Oracle grupe korisnika Srbije*, (book of abstracts, COBISS.SR-ID: 280319751, <http://www.sroug.rs/>).
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13. **Saračević M., Medjedovic E., Milosevic D.** (2012), Istraživanje o stavovima učenika i nastavnika o primeni alata za kreiranje e-testova, *10. Medjunarodna naučno-stručna konferencija - Na putu ka dobu znanja*, Fakultet za menadžment, str.73, ISBN: 978-86-85067-41-9, Novi Sad.
12. **Saračević M., Mašović S., Kamberović H.** (2012), Procedure division convex polygon triangulation and application in computer graphics, *6th International quality conference*, Faculty of Engineering, ISBN: 978-86-86663-82-5, Center for Quality, Vol.2, pp. 991.
11. M.B. Tasić, **Saračević M.** (2011), UML modeling for computation of the Moore-Penrose inverse, *9th Symposium "Novel Technologies and Economic Development"*, ISBN: 978-86-82367-92-5, pp.139, Faculty of Technology.
10. **Saračević M., Medjedović E., Mašović S., Selimović F., Kamberović H.** (2011), Sistemi za upravljanje sadržajem učenja kao podrška u preduzećima, *9. Medjunarodna naučno-stručna konferencija - Na putu ka dobu znanja*, ISBN: 978-86-85067-31-0, str. 61, Fakultet za menadžment, Novi Sad.
9. **Saračević M., Mašović S., Selimović F., Lončarević Z.** (2011), Primena virtuelnih učionica u cilju poboljšanja kolaborativnog rada, *9. Medjunarodna naučno-stručna konferencija - Na putu ka dobu znanja*, ISBN:978-86-85067-31-0, str. 62, Fakultet za menadžment, Novi Sad.

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8. Korićanin E., **Saračević M.** (2016), Kratak pregled virtuelnih muzeja, *Balkan Distance Education Network - BADEN Newsletter*, ISSN: 2334-9220 (Online), Issue 9, August 2016, Tempus Project: Enhancing the quality of distance learning at Western Balkan higher education institutions DL@Web, <http://www.badennet.org/>.
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6. Korićanin E., **Saračević M.** (2015), Kratak pregled sistema za personalna okruženja za učenje, *Balkan Distance Education Network - BADEN Newsletter*, ISSN: 2334-9220 (Online), Issue 7, Jun 2015, Tempus Project: Enhancing the quality of distance learning at Western Balkan higher education institutions DL@Web, <http://www.badennet.org/>.
5. **Saračević M.** (2014), Primena alata za e-ocenjivanje u cilju efikasne samoevaluacije u nastavi programskih jezika, *Balkan Distance Education Network - BADEN Newsletter*, ISSN: 2334-9220 (Online), Issue 4, Mart 2014, Tempus Project: Enhancing the quality of distance learning at Western Balkan higher education institutions DL@Web, <http://www.badennet.org/>.
4. Hadžiahmetović A., **Saračević M.** (2014), Informaciono-komunikacione tehnologije i nastavnike kompetencije, *Balkan Distance Education Network - BADEN Newsletter*, ISSN: 2334-9220 (Online), Issue 4, Mart 2014, Tempus Project: Enhancing the quality of distance learning at Western Balkan higher education institutions DL@Web, <http://www.badennet.org/>.
3. **Saračević M.** (2013), Aplikacije za mobilne platforme u funkciji kvalitetnijeg obrazovanja. Studija slučaja: Univerzitet u Novom Pazaru, *Balkan Distance Education Network - BADEN Newsletter*, ISSN: 2334-9220 (Online), Issue 3, November 2013, Tempus Project: Enhancing the quality of distance learning at Western Balkan higher education institutions DL@Web.
2. **Saračević M.** (2013), Učenje programskih jezika na daljinu: Iskustvo na Univerzitetu u Novom Pazaru, *Balkan Distance Education Network - BADEN Newsletter*, ISSN: 2334-9220 (Online), Issue 2, August 2013, Tempus Project: Enhancing the quality of distance learning at Western Balkan higher education institutions DL@Web.

1. Saračević M. (2013), Wiris - web alat za unapredjenje nastave matematike, *Balkan Distance Education Network - BADEN Newsletter*, ISSN: 2334-9220 (Online), Issue 1, April 2013, Tempus Project: Enhancing the quality of distance learning at Western Balkan higher education institutions DL@Web, <http://www.badennet.org/>.

EDITOR OF ARTICLES IN THE INTERNATIONAL SCIENTIFIC JOURNALS (M28)

- Teimourpour B., Eslami V., Mohammadi M., Padidarfard M. (*Editor: Muzafer Saracevic*). A conceptual model for creation of a process-oriented knowledge map (POK-Map) and implementation in an electric power distribution company. *Interdisciplinary Journal of Information, Knowledge, and Management*, Vol. 11, pp.1-16, 2016. ISSN: 1555-1229 (publisher: Informing science institute Santa Rosa, California, USA). Retrieved from <http://www.ijikm.org/Volume11/IJIKMv11p001-016Teimourpour2092.pdf>
- Gatuha G., Jiang T. (*Editor: Muzafer Saracevic*). KenVACS: Improving vaccination of children through cellular network technology in developing countries. *Interdisciplinary Journal of Information, Knowledge, and Management*, Vol. 10, pp. 37-46, 2015. ISSN: 1555-1229 (publisher: Informing science institute Santa Rosa, California, USA). Retrieved from <http://www.ijikm.org/Volume10/IJIKMv10p037-046Gatuha1038.pdf>

CITATIONS IN REFEREED JOURNAL AND PROCEEDINGS

Only Hetero-citations:

WIT Transactions on Information and Communication Technologies (United Kingdom),
 International Journal of Engineering and Advanced Technology Studies (United Kingdom),
 In monograph "Methodologies and Case Studies for Successful Learning" (USA),
 Emerging Markets Case Studies Collection (United Kingdom),
 International Journal of Computer Science and Business Informatics (India),
 International Journal of Computer Applications (Foundation of Computer Science, USA),
 Educacion Medica Superior (Cuba),
 Publication on postgraduate studies at Escuela Tcnica Superior de Ingenieros Informticos(Spain),
 International Journal of Advanced Research in Computer Science and Software Engineering (India),
 IOP Series: Materials Science and Engineering (ISSN:1757-899X, IOP publishing: UK/USA),
 International Conference of Information Science and Management Engineering (China),
 Nasional Pendidikan Teknik Informatik (Indonesia),
 High Performance Computing and Communications (IEEE: France),
 Intelligent Systems and Informatics (IEEE Hungary),
 In monograph "Handbook of research on innovative technology integration in higher education" (USA),
 Publication on postgraduate studies at the Islamic University of Gaza (Palestine),
 Actual problems of education (Latvia),
 Balkan Journal of Health Science (BIH),
 Electronic National University of Food Technologies Institutional Repository (Ukraine),
 Bulgarian Journal of Science and Education Policy (Bulgaria),
 Facta universitatis: Mathematics and Informatics (Serbia),
 Industrija (Serbia),
 FBIM Transactions (Serbia),
 University journal of Information Technology and Economics (Serbia),
 TEM Journal: Association for Information Communication Technology Education and Science (Serbia),
 - *4th International Maritime Science Conference - IMSC 2012 (Croatia)*,
 - *XIV International Science Conference "Sinergija 2013" (Bosnia and Herzegovina)*,
 - *International M-sphere conference for multidisciplinary in business and science (Croatia)*,
 - *International Scientific Conference - COMPUTER SCIENCE'2015 (Albania)*,
 - *Sinteza 2014: Impact of Internet on Business activities in Serbia and Worldwide (Serbia) etc.*

EDUCATION AND SPECIALIZATIONS

Doctoral dissertation (Acquired scientific title - *Doctor of Computer Science*, area: Computational geometry):
Faculty of Sciences and Mathematics, University of Nis (2013).

Thesis: *Methods for solving the polygon triangulation problem and their implementation*. Defended Board:

1. Dragan Stevanović, Ph.D.(president), Mathematical Institute SANU, Belgrade,
2. Predrag Stanimirović, Ph.D.(supervisor), Faculty of Sciences and Mathematics, University of Nis,
3. Danijela Milošević, Ph.D.(member), Faculty of Technical Sciences (Čačak), University of Kragujevac,
4. Milan Tasić, Ph.D.(member), Faculty of Sciences and Mathematics, University of Nis

5. Predrag Krtolica, Ph.D.(member), Faculty of Sciences and Mathematics, University of Nis.

Master studies (*Master professor of techniques and informatics, average mark 10.00, best student in generation*):
Faculty of Technical Sciences, University of Kragujevac.

Thesis: *The application of Java applets to create interactive contents for e-learning in mathematics.* Defended Board:

1. Radojka Krneta, Ph.D.(president), Faculty of Technical Sciences (Čačak), University of Kragujevac,
2. Danijela Milošević, Ph.D.(supervisor), Faculty of Technical Sciences (Čačak), University of Kragujevac,
3. Dragana Bjekić, Ph.D.(member), Faculty of Technical Sciences (Čačak), University of Kragujevac.

Bachelor studies 2 (*Graduate computer scientist - Cryptology and Coding theory, average mark 9.82*):
Faculty of Informatics and Computing, Singidunum University in Belgrade.

Thesis: *Application of Catalan numbers and some combinatorial problems in cryptography.* Defended Board:

1. Marko Sarac, Ph.D. (president), Faculty of Informatics and Computing, Singidunum University in Belgrade,
2. Saša Adamović, Ph.D. (supervisor), Faculty of Informatics and Computing, Singidunum University in Belgrade.

Bachelor studies 1 (*Graduate Engineer of Information Technology, average mark 9.88, best student in generation*):
Faculty of Information Technologies, University of Novi Pazar.

Thesis: *Electronic Data Interchange.* Defended Board:

1. Velimir Sotirović, Ph.D. (president), Technical Faculty "Mihajlo Pupin" (Zrenjanin), University of Novi Sad,
2. Branislav Egić, Ph.D. (supervisor), Technical Faculty "Mihajlo Pupin" (Zrenjanin), University of Novi Sad,
3. Čamil Sukić, Ph.D. (member), Faculty of Informatics and Information Technologies, University of Novi Pazar.

SPECIALIZATIONS AND CERTIFICATIONS:

1. **Oracle Academy** (one semester - 2014/15, 90 hours): *JAVA Programming - advanced level, (Oracle Certified instructor, 07.02.2015., Metropolitan University in Belgrade).*
2. **Oracle Academy** (one semester - 2013/14, 90 hours): *JAVA Fundamentals - basic level, (Oracle Certified instructor, 08.02.2014., Metropolitan University in Belgrade).*
3. **Oracle Academy** (one semester - 2012/13, 180 hours): *Database Programming with PL/SQL, (Completed course and exam, 01.02.2013., Faculty of Technical Sciences, University of Kragujevac).*
4. **Oracle Academy** (one semester - 2011/12, 180 hours): *Database Design and Programming with SQL, (Completed course and exam, 01.06.2012., Faculty of Technical Sciences, University of Kragujevac).*
5. **Finished program for teacher competencies from psychological-pedagogical-methodical disciplines** (*Faculty of Technical Sciences, approved by Senate of University of Kragujevac, No. III-01-153/10.,27.02.2014.*).
6. Attended workshop "**Cognitive development and its role in the advancement of education and scientific research methods in Islamic sciences**", *ISESCO: Islamic Educational, Scientific and Cultural Organization.*
7. **TMS Academy in Belgrade** - "ISO/IEC 27001 Information Security Management System".

PEDAGOGICAL WORK AND EXPERIENCE

UNIVERSITY OF NOVI PAZAR, Department of computer sciences

(Teaching assistant: oct. 2007 / Assistant Professor: feb. 2014 / Associate Professor: feb. 2017 ...):

- **Courses on Bachelor studies:** Data Structures and Algorithms, Introduction to programming (C), Programming languages (C++), Object-oriented programming (Java), Design application software (UML), Databases, Information Systems, Software engineering, Probability and Statistics.
- **Courses on Bachelor studies, Other Departments...:** General Informatics (Department of Law Studies)
- **Courses on Master studies:** Selected topics from software engineering, Selected topics from information systems.
- **Courses on PhD studies:** Advanced course from object-oriented programming, Advanced course from design of web application.

UNIVERSITY OF PRIZREN, Faculty of computer sciences

(Visiting professor: oct. 2014 - ..., Program: Telecommunications and Information Technology):

- **Courses on Bachelor studies:** Programming, Software Engineering, Authentication and Cryptography, Introduction to web languages and technologies.

FACULTY OF ISLAMIC STUDIES, Novi Pazar

(Visiting professor: oct. 2013 - ...):

- **Courses on Bachelor studies:** General Informatics.

OTHER INSTITUTIONS (SCHOOLS, CENTERS, ACADEMIES)

- **Courses in primary school (oct. 2008 - sep. 2011):** (1) Mathematics, (2) Technical and IT education..
- **ZUOV: Institute for the Advancement of Education, Center for Professional Development in Education:** (1) Tools for creating interactive content in contemporary teaching, (2) Support developing and application of multimedia content in teaching of technics and IT.
- **Oracle Academy courses on Department of computer sciences, UNINP:** (1) Java fundamentals, (2) Java programming.
- **Clever Center, Novi Pazar:** Database and Design of Information Systems, Programming in Java and developing of graphics applications, General application of computer.

ACCREDITED SEMINARS IN EDUCATION - AUTHORSHIP AND REALIZATION:

1) "Tools for creating interactive content in contemporary teaching",

Zavod za unapređivanje obrazovanja i vaspitanja, Centar za profesionalni razvoj zaposlenih u obrazovanju / Institute for the Advancement of Education, Center for Professional Development in Education, Serbia.

Supported by "Regionalni centar Novi Pazar", implementation period: 2014/15, 2015/16, 2016/17 and 2017/18.

2) "Creating of electronic didactic materials for teaching mathematics",

Zavod za unapređivanje obrazovanja i vaspitanja, Centar za profesionalni razvoj zaposlenih u obrazovanju / Institute for the Advancement of Education, Center for Professional Development in Education, Serbia.

Supported by "Regionalni centar Novi Pazar", implementation period: 2016/17 and 2017/18.

3) "Support developing and application of multimedia content in teaching of technics and IT education",

Zavod za unapređivanje obrazovanja i vaspitanja, Centar za profesionalni razvoj zaposlenih u obrazovanju / Institute for the Advancement of Education, Center for Professional Development in Education, Serbia.

Supported by "University of Novi Pazar", implementation period: 2014/15 and 2015/16.

SUPERVISOR OF BSC, MSC AND PHD THESES:

- Bachelor thesis directed (26 students on University of Novi Pazar)
- Bachelor thesis directed (3 students on University of Prizren)
- Master thesis directed (7 students on University of Novi Pazar)
- PhD thesis directed (1 student on University of Novi Pazar)
- Other:
 - Membership of the Committee for Defense for Bachelor thesis (14 students);
 - Membership of the Committee for Defense for Master thesis (4 students).
 - Membership of the Committee for PhD thesis (1 students).

REVIEWS AND MEMBERSHIPS IN EDITORIAL BOARD [JOURNALS]:

- **International Journal of Software Engineering and Knowledge Engineering - IJSEKE** (*reviewer*), Print ISSN: 0218-1940, Online ISSN: 1793-6403, USA.
- **Interdisciplinary Journal of Information, Knowledge and Management** (*Editor and reviewer*), Online ISSN: 1555-1237 Print ISSN: 1555-1229, USA.
- **Southeast Europe Journal of Soft Computing**, (*Editor and Reviewer*, ISSN: 22331859.
- **Periodicals of Engineering and Natural Sciences (PEN)**, (*Editorial Board*, ISSN: 2303-4521.
- **Ekonomski izazovi - Economic challenges**, (*Editorial Board*, ISSN, 2217-8821. eISSN, 2560-4805.
- **Informing Science: The International Journal of an Emerging Transdiscipline** (*reviewer*), Online ISSN: 1521- 4672, Print ISSN: 1547-9684, USA.
- **BADEN Newsletter - Balkan Distance Education Network**, (*editorial board*), ISSN: 2334-9220 (Online), Tempus Project: Enhancing the quality of distance learning at Western Balkan higher education institutions DL@Web, <http://www.badennet.org/>

- **Univerzitetska Misao / University Thought: Journal of science, culture and art** (*Executive editor*), ISSN:1451-3870.
- **TEM Journal: Association for Information Communication Technology Education and Science**, (*Reviewer*, ISSN:2217-8309.
- **Journal of Information Technology Education: Research (JITE: Research)**(*reviewer*), Online ISSN: 1539-3585, Print ISSN: 1547-9714, USA.
- **Journal of Information Technology Education: Innovations in Practice (JITE:IIP)**(*reviewer*), Online ISSN: 2165-316X, Print ISSN: 2165-3151, USA.
- **FBIM Transactions - Finance, Business, Information and Industrial technologies, Management** (*Reviewer*), ISSN: 2334-704X (Online).
- **MEST Journal - Management, Education, Science and Society, Technology** (*Reviewer*), ISSN: 2334-7058 (Online).
- **International Journal of Doctoral Studies (IJDS)**(*reviewer*), Online ISSN: 1556-8873, Print ISSN: 1556-8881.
- **Interdisciplinary Journal of e-Skills and Lifelong Learning (IJELL)**(*reviewer*), Online ISSN: 2375-2092, Print ISSN: 2375-2084, USA.
- **UNITE Journal: University journal of Information Technology and Economics** (*Associate Editor*), ISSN:2335-0628.

Other participation in organizational committees:

- **Monograph of the University of Novi Pazar** (*member in editorial board in the process of creating of the publication, on the occasion of the 10th anniversary of the university, 2002-2012*) ISBN: 978-86-84389-32-1 <http://media.uninp.edu.rs/upload/ouniverzitetu/dan2012/monografija2012/index.html>

REVIEWS AND MEMBERSHIPS IN EDITORIAL BOARD [CONFERENCE]

- **International Conference on Computational Techniques in Information and Communication Technology** (ICCTICT-2016, IEEE Delhi section), New Delhi, India.
- **The Europe, Middle East and North Africa Conference on technology and security used to support learning** (EURO-MENA TSSL2016, Springer), Faculty of Sciences Oujda, University Mohammed First Oujda Morocco.
- **WorldCIST'17 - 5th World Conference on Information Systems and Technologies**, Porto Santo Island, Madeira, Portugal. <http://www.worldcist.org/index.php/committees>
- **Informing Science Conferences** (*members of the International Board of Reviewers*):
 - Montreal, Canada (2012); InSITE: <http://www.informingscience.org/Conferences/InSITE2012/Overview>
 - Porto, Portugal (2013); InSITE: <http://www.informingscience.org/Conferences/InSITE2013/Overview>
 - Cape Town, South Africa (2014): Informing Science Institute and the e-Skills Conference 2014
 - Wollongong, NSW, Australia (2014); InSITE: <http://www.informingscience.org/Conferences/InSITE2014/Overview>
 - Tampa, Florida (2015); InSITE: <http://www.informingscience.org/Conferences/InSITE2015/Overview>
 - Vilnius, Lithuania (2016); InSITE: <http://www.informingscience.org/Conferences/InSITE2016/Overview>
- **ICTIC 2016 - Information and communication technology - The 5th International Conference**, Publishing Society, Slovakia. <http://www.ctic.sk/reviewers/>

Chairman sessions [CONFERENCE]:

- **6th International Symposium: Technology, informatics and education for learning and knowledge society** (2011), organizer: University of Kragujevac - Faculty of Technical Sciences
- **5th International Social Sciences Conference in Balkans** (2013), organizers: Sakarya University - Turkey and University of Novi Pazar;
- **3th International Conference Methodical Aspects of Teaching Mathematics** (2014), organizer: University of Kragujevac - Faculty of education,

- *International Conference "Pedagogical development of the individual in the era of information technology"*, Novi Pazar, (25.04.2015), organizers: University of Novi Pazar;



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