

# Virtyt Lesha

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## ▼ List of publications

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### Abstracts

- [1] "The Effects of Using Internet Regarding Environment Pollution", The 25th Central European Conference on Information and Intelligent Systems, Student Online Section, Varazdin, Croatia (17.09.2014 – 19.09.2014)
- [2] "The Advantages and Disadvantages of the Use of Multimedia in Education", Researching Paradigms of Childhood and Education, Opatija, Croatia (13.04.2015 – 15.04.2015)
- [3] "A simulation model of the performance of a network structured according to the OSPF protocol", The 26th Central European Conference on Information and Intelligent Systems, Student Online Section, Varazdin, Croatia (23.09.2015 – 25.09.2015)
- [4] "The enhancement of the one-dimensional signal through Kalman filtering", The 3rd International Conference on "Research and Education – Challenges Towards the Future, Shkoder, Albania (23.10.2015)
- [5] "The execution speed increasing if image scaling through bi-linear interpolation method" The 27th Central European Conference on Information and Intelligent Systems, Varazdin, Croatia (21.09.2016 - 23.09.2016)
- [6] "The simulation of edge detection through Matlab of a binary image" The 27th Central European Conference on Information and Intelligent Systems, Varazdin, Croatia (27.09.2017 – 29.09.2017)
- [7] "The designing of a simulation model through Matlab of fingerprint recognition" The 28th Central European Conference on Information and Intelligent Systems, Varazdin, Croatia (27.09.2017 – 29.09.2017) -
- [8] "Retinal bio-metric recognition in the context of preliminary development to actual applicative systems/ (Simulation model under Matlab)" The 29th Central European Conference on Information and Intelligent Systems, Varazdin, Croatia (19.09.2018 – 21.09.2018) -
- [9] "Gait recognition improvement based on spatial-domain energy deviation image" The "Research Applications and Educational Methods" Conference, Korce, Albania(12.05.2019)
- [10] "The moving object reflected on Matlab test-bench //(Simulation model through built-in functions)" The 29th Central European Conference on Information and Intelligent Systems, Varazdin, Croatia (21. 09.2018– 21.09.2018)
- [11]"The Improvement of Face Recognition Using the Principal Component Analysis Algorithm" The 30th Central European Conference on Information and Intelligent Systems, Varazdin, Croatia

(02.10.2019 – 04.10.2019)

- [12] "The Implementation of an Improved Adaptable Fingerprint Minutiae Extraction Algorithm Based on Machine Learning Perspective" The 30th Central European Conference on Information and Intelligent Systems, Varazdin, Croatia (02.10.2019 – 04.04.2019)
- [13] "The Analysis of Modified Fuzzy Logic Speech Recognition Simulation Model" The 30th Central European Conference on Information and Intelligent Systems, Varazdin, Croatia (02.10.2019 – 04.10.2019)
- [14] "The Performance Analysis of two Algorithms used on Simulating the Knight Tour Problem" The 31st Central European Conference on Information and Intelligent Systems, Varazdin, Croatia (07.10.2020 – 09.10.2020)
- [15] "The Contribution of Artificial Intelligence in Personalized Learning Methodology in Education" The 34th Central European Conference on Information and Intelligent Systems, Varazdin, Croatia (20.09.2023 – 22.09.2023)

### **National and international conferences**

- [1] "The Evaluation of Information Security in Organizations, Using the CVSS scoring System", The 1<sup>st</sup> Internet & Business Conference, IBC 2012, Rovinj, Croatia (27.06.2012 – 28.06.2012), ISSN-1848-5278
- [2] "Reflections Regarding Website Security and Its Credibility", The 1st Internet & Business Conference, IBC 2012, Rovinj, Croatia (27.06.2012 – 28.06.2012), ISSN - 1848-5278
- [3] "A comparative analysis, through different case studies, of two routing protocols, RIPv1 and RIPv2, regarding route summarization", The 1st International Conference on "Research and Education - Challenges Towards the Future, Shkoder, Albania (24.05.2013 – 25.05.2013)
- [4] "A Comparative and Performance Analysis Between Hearing Aids with Three Channels and Six Channels", The 1st International Conference on "Research and Education – Challenges Towards the Future, Shkoder, Albania (24.05.2013 – 25.05.2013)
- [5] "Internet and its Impact on Youth Culture", International Conference National and Universal Culture in Central Europe, Slavonski-Brod, Croatia (16.04.2015 – 18.04.2015)
- [6] "The Simulation in Matlab of the Dependency of the Electrical Parameters in a Hydropower Plant ", Enterprise Research and Innovation Conference, Kotor, Montenegro (10.09.2015 – 11.09.2015), ISSN 1849 – 7969
- [7] "The stability analysis of an aggregate of Vau-Dejes hydropower plant", The 4th Virtual International Conference on Advanced Research in Scientific Areas, Zilina, Slovakia, (9.11.2015), ISSN: 2453-6962, CD ROM ISSN: 1338-9831, ISBN: 978-80-554-1126-2, DOI: 10.18638/arsa.2015.4.1
- [8] "Customer-bank relationship in commercial banks operating in Albania", The 8th International Conference on Social Sciences, Sofia, Bulgaria, (4.3.2016 – 5. 3.2016)

- [9] "The noise pollution in Albania: A regression analysis through Matlab", The 7th International Conference "Information Systems and Technology Innovations: The New Paradigm for a Smarter Economy", Tirane, Albania, (17.06.2016 – 18.06.2016)
- [10] "The implementation, in Matlab, of three digital image processing algorithms to evaluate the change of parameters of two consecutive images", Enterprise Research and Innovation Conference, Rovinj, Croatia (08.09.2016 – 09.09.2016)
- [11] "The analysis of electromagnetic field impact of mobile communication antennas: The case study of Lombardy, Italy", Enterprise Research and Innovation Conference, Rovinj, Croatia (07.09.2017 – 09.09.2017)
- [12] "The enhancement of the signal through digital predistortion", The 3d International Scientific Conference, Belgrade, Serbia" (14.12.2017)
- [13] "Simulation of acoustic noise elimination to an audio profile generated by urban environment in Tirana, Shqiperi – Modelling via Matlab/Simulink", The 12th Scientific/Research Symposium with International Participation: Metallic and Non-Metallic Materials, Zenica, Bosnia-Herzegovina" (19.04.2018)
- [14] "The technical analysis of on-grid photo-voltaic power plant implementation: case study of Elbasan, Albania", Enterprise Research and Innovation Conference, Split, Croatia, (06.09.2018 – 08.09.2018)
- [15] "The moving object reflected under Matlab test-bench (Simulation model through built-in functions)", The 7th International Conference on Computer Science and Communication Engineering, Pristina, Kosovo, (26.10.2018 – 28.10.2018)
- [16] "The modelling of facial recognition process in prospective of simulation techniques (A methodical elaboration through the built-in modules of Matlab)", The 9th International Symposium Graphic Engineering and Design, Novi-Sad, Serbia (08.11.2018 – 10.11.2018)
- [17] Improvement of Object Tracking Performance Using Kalman Filtering (Simulation Model Through Matlab Built-In Functions) International Conference of "Integrated Policy on Research and Innovations, Tirana, Albania," (08.05.2019)
- [18] The Speech Recognition Performance Improvement Considering the Sampling Range of the Sound (Simulation Modeling Through Matlab) International Conference of "Integrated Policy on Research and Innovations, Tirana, Albania," (08.05.2019)
- [19] "Improvement of Gender Recognition using the Cosfire Filter Framework (Simulations Platform of Shape-Preserving Regression – PCHIP)", The 8th International Conference on Computer Science and Communication Engineering, Pristina, Kosovo (25.10.2019 – 27.10.2019)
- [20] "The role of digital technologies on e-learning and education during Covid – 19 pandemic situations", TEAVET Project Final Conference Program, Vlora, Albania (10.11.2020 – 11.11.2020)

- [21] "Improving the Performance of Wireless Sensor Networks on the Perspective of Matlab Simulations", TEAVET Project Final Conference Program, Vlora, Albania (10.11.2020 – 11.11.2020)
- [22] "Importance of Gamification in E-Learning for Elementary School Pupils in Albania", 1st International Online Scientific Conference ICT in Life, Osijek, Croatia (13.05.2022)
- [23] "Challenges and strategies of e-learning in education: A new era of normalization", 1st International Online Scientific Conference ICT in Life, Osijek, Croatia (13.05.2022)
- [24] "Bridging the human gap: integrating social engineering education in high schools and universities for enhanced online privacy", Reshaping Eco-Social Paradigm towards Innovation and Sustainability, Shkodra, Albania, (07.11.2023 – 08.11.2023)
- [25] "The impact on entropy of improving the learning management systems", Reshaping Eco-Social Paradigm towards Innovation and Sustainability, Shkodra, Albania, (07.11.2023 – 08.11.2023)
- [26] "The contribution of non-formal education competencies in traditional education for stem learning: case of Albania", Reshaping Eco-Social Paradigm towards Innovation and Sustainability, Shkodra, Albania, (07.11.2023 – 08.11.2023)
- [27] "Time Efficacy Analysis of Finger Vein Recognition using Local Line Binary Pattern", Reshaping Eco-Social Paradigm towards Innovation and Sustainability, Tirana, Albania, (15.12.2023 – 16.12.2023)

## **Journals**

- [1] Customer loyalty in commercial banks in Albania", European Journal of Business, Economics and Accountancy, (Vol. 3, No. 7, 2015), Rochester, United Kingdom, ISSN 2056 – 6018, page. 44 – 52
- [2] "Lagrange approximation between generator's and transformer's parameters of Vau-Dejes Hydro-power-plant", The journal of Multidisciplinary Engineering, Science and Technology, Berlin, Germany, (Vol. 2 ,No. 12, 2015), ISSN 3159 – 0040, page. 3603 – 3612
- [3] "The Trend of Penetration of Multimedia in Education: A Case of Albania" European Journal of Business, Economics and Accountancy, (Vol.4, No.1, 2016), Rochester, United Kingdom, ISSN 2348 – 0386, page. 412 – 419
- [4] "The performance evaluation of an algorithm for fingerprint biometric recognition ", American Journal of Engineering Research, (Vol. 5, No. 2, 2016), e-ISSN: 230-0847, p-ISSN 2320-0936, page. 248-253
- [5] "The Enhancement of Speech Recognition Using Particle Swarm Optimization", The journal of Multidisciplinary Engineering, Science and Technology, Berlin, Germany (Vol.3 , No. 3, 2016), ISSN: 2458-9403, page. 4259 - 4263
- [6] "The Explanation of Matlab Simulations of Published Biomedical Engineering Papers", International Journal of Trend in Research and Development, Ahmedabad, India, (Vol. 4, No. 1), ISSN 2394-9333

