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Education:

PhD, Computer Science (April 2014)
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University of Nis, Faculty of Sciences and Mathematics, Nis, Serbia
Mathematics Genealogy Project : Predrag Stanimirović (Mentor)

PhD, Informatics (September 2011)
St. Cyril and Methodius University, Faculty of Natural Sciences and Mathematics, Skopje, Macedonia

Master Degree of Electronics (December 2002)
St. Cyril and Methodius University, Faculty of Electrical Engineering, Skopje, Macedonia

Electronics and Telecommunications Degree (June 1997)
St. Cyril and Methodius University, Faculty of Electrical Engineering, Skopje, Macedonia

References:
SCI index Journals

1. P. S. Stanimirović, I. Stojanović, V. N. Katsikis, D. Pappas, Z. Zdravev, "Application of the Least Squares Solutions in Image Deblurring", *Mathematical Problems in Engineering*, vol. 2015, Article ID 298689, 18 pages, doi:10.1155/2015/298689, 2015, (IF 2012=1.383, IF 2013=1.082).
2. P. Stanimirović, I. Stojanović, S. Chountasis, D. Pappas, "Image deblurring process based on separable restoration methods", *Computational and Applied Mathematics*, ISSN: 0101-8205 (Print) 1807-0302 (Online), Vol.33, No.2, DOI: 10.1007/s40314-013-0062-2, pp. 301-323, 2014, (IF 2012=0.452, IF 2013=0.485).
3. P. Stanimirović, M. Miladinović, I. Stojanović, S. Miljković, "Application of the partitioning method to specific Toeplitz matrices", *International Journal of Applied Mathematics and Computer Science*, Vol.23, No.4, 2013, DOI: 10.2478/amcs-2013-0061, pp. 809-821, 2013, (IF 2012=1.008, IF 2013=1.39).
4. P. Stanimirović, S. Chountasis, D. Pappas, I. Stojanović, "Removal of blur in images based on least squares solutions", *Mathematical Methods in the Applied Sciences*, Print ISSN: 0170-4214, Online ISSN: 1099-1476, DOI:10.1002/mma.2751, Vol. 36, No. 17, pp. 2280-2296, 2013, (IF 2012=0.778, IF 2013=0.877).
5. I. Stojanovic, S. Markovski, C. Martinovska, A. Mileva, "Application of the progressive wavelet correlation for image recognition and retrieval from the collection of images", *Technics Technologies Education Management*, ISSN: 1840-1503, Vol.7, No.4, pp.1550-1560, 2012, (IF 2012=0.414, IF 2011=0.351).

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International Journals

7. M. Kocaleva, I. Stojanovic, Z. Zdravev, "UTAUT and its Application in an Educational Environment: State-of-the-Art", *Yearbook of the Faculty of Computer Science from Goce Delcev University – Stip*, ISSN: 1857- 8691, Vol.2, No.2, pp. 95-102, 2014.
8. I. Stojanov, A. Ljubotenska, I. Stojanovic, Z. Zdravev, "Internet applications for image processing with matrix transformation", *Yearbook of the Faculty of Computer Science from Goce Delcev University – Stip*, ISSN: 1857- 8691, Vol.2, No.2, pp. 85-94, 2014.
9. A. Ljubotenska, I. Stojanovic, "Preview of Methods for Image Restoration from Video", *Yearbook of the Faculty of Computer Science from Goce Delcev University – Stip*, ISSN: 1857- 8691, Vol.2, No.2, pp. 77-84, 2014.
10. I. Stojanovic, P. Stanimirovic, M. Miladinovic, "Using of the Moore-Penrose Inverse Matrix in Image Restoration", *Yearbook of the Faculty of Computer Science from Goce Delcev University – Stip*, ISSN: 1857- 8691, Vol.1, No.1, pp. 88-98, 2013.
11. I. Stojanovic, A. Mileva, D. Stojanovic, I. Kraljevski " Image Recognition by Using the Progressive Wavelet Correlation", *International Journal of Image, Graphics and Signal Processing* (IJIGSP), ISSN: 2074-9074(Print), ISSN: 2074-9082 (Online), Vol.4, No.9, pp.1-7, 2012, DOI:10.5815/ijigsp.2012.09.01.
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13. I. Stojanovic, P. Stanimirovic, M. Miladinovic, D. Stojanovic, "Application of Non-Iterative Method in Image Deblurring", *Journal of Computer Science and Control Systems (JCSCS)*, ISSN 1844-6043, pp. 99-102, Vol. 5, Nr. 1, 2012.
14. I. Stojanovic, P. Stanimirovic, M. Miladinovic, "Applying the Algorithm of Lagrange Multipliers in Digital Image Restoration", *FACTA UNIVERSITATIS, Series Mathematics and Informatics*, ISSN 0352-9665, Vol. 27, No 1 (2012), 41-54.
15. I. Stojanovic, S. Bogdanova, M. Bogdanov, "Applying of the Pseudoinverse Matrix in the Removal of Blur in Images", *Journal of Computer Science and Control Systems (JCSCS)*, ISSN 1844-6043, pp. 169-172, Vol. 4, Nr. 1, 2011.
16. I. Stojanovic, S. Bogdanova, M. Bogdanov, "Applying of the Combination of Content-Based Search and Progressive Wavelet Correlation in Image Retrieving", *Journal of Computer Science and Control Systems (JCSCS)*, ISSN 1844-6043, pp. 83-88, Vol. 3, Nr. 2, 2010.
17. I. Stojanovic, S. Bogdanova, M. Bogdanov, "Application of the Progressive Wavelet Correlation in   Image Retrieving", *Journal of Computer Science and Control Systems (JCSCS)*, ISSN 1844-6043, pp. 77-82, Vol. 3, Nr. 2, 2010.
18. I. Stojanovic, I. Kraljevski, S. Chungurski, "Using of the Algorithm of Lagrange Multipliers in Image Restoration", *Journal of Electrical and Electronics Engineering (JEEE)*, ISSN 1844-6035, pp. 203-206, Vol. 3, Nr. 2, 2010.
19. I. Stojanovic, S. Bogdanova, M. Bogdanov, and D. Taskovski, "Performance of the Progressive Wavelet Correlation for Image Retrieval", *World Academy of Science, Engineering and Technology*, ISSN: 2070-3724, pp. 33-37, Issue 64, April 2010.

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20. I. Stojanov, A. Mileva, I. Stojanovic, "A New Property Coding in Text Steganography of Microsoft Word Documents", *Securware 2014: The Eighth International Conference on Emerging Security Information, Systems and Technologies*, pp. 25-30, Lisbon, Portugal, 16-20 Nov 2014.
21. M. Kocaleva, I. Stojanovik, Z. Zdravev, "Research on UTAUT Application in Higher Education Institutions", *Proceedings of the V International Conference of Information Technology and Development of Education 2014 (ITRO 2014)*, pp. 34-38, Zrenjanin, Serbia, June 27, 2014.

22. I. Stojanovic, Z. Zlatev, P. Stanimirovic, M. Miladinovic, "Application of the Moore-Penrose Inverse Matrix in Image Deblurring", *Proceedings of the XI International Conference ETAI 2013*, E1-5, ISBN 978-9989-630-68-2, Ohrid, Republic of Macedonia , 26th -28th of September 2013.

23. S. Stefanova, M. Ivanova, I. Stojanovik and Z. Zdravev, "Integration of EuroGeoss applications for standardization of research results in the region", *ICT Innovations 2012*, pp. 547-550, Ohrid, Macedonia, September 12-15, 2012.

24. G. Vitanov, I. Stojanovik and Z. Zdravev, "Improving the Wholesales trough Using the Data Mining Techniques", *ICT Innovations 2012*, pp. 55-64, Ohrid, Macedonia, September 12-15, 2012.

25. I. Stojanovic, S. Bogdanova and M. Bogdanov, "Application of Non-Iterative Method in Digital Image Restoration", *18th International Conference on Systems, Signals and Image Processing*,   pp. 235-238, Sarajevo, Bosnia and Herzegovina, June 16–18,   2011, http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=5977333&sortType%3Dasc_p_Sequence%26filter%3DAND%28p_IS_Number%3A5977204%29

26. Ivan Kraljevski**,** Igor Stojanović, Slavčo Čungurski, Sime Arsenovski, "Time Encoded Signal Processing for Speech Quality Assessment", A4.7, *Proceedings of 8th Conference, Digital Speech and Image Processing*, Iriški Venac, Serbia, December 16th - 18th, 2010.

27. Slavčo Čungurski, Ivan Kraljevski**,** Igor Stojanović, Blerta Prevalla, "Speech Synthesis of Dissimilar Languages Using their Phonetic Superset", A4.8, *Proceedings of 8th Conference, Digital Speech and Image Processing*, Iriški Venac, Serbia, December 16th - 18th, 2010.

28. Igor Stojanović, Ivan Kraljevski, Slavčo Čungurski, "Application of the Progressive Wavelet Correlation to Content-Based Image Retrieving", B3.9, *Proceedings 8th Conference, Digital Speech and Image Processing*, Iriški Venac, Serbia, December 16th - 18th, 2010.

29. I. Kraljevski, S. Chungurski, I. Stojanovic, S. Arsenovski, "Synthesized Speech Quality Evaluation Using ITU-T P.563", *18th Telecommunications Forum*, pp. 590-593, Belgrade, Serbia, Nov. 23-25, 2010.

30. I. Kraljevski, S. Grceva, I. Stojanovic, Z. Gacovski, B. Spireva, "Recognition of Individual Animals by their Vocalization", *the thirteenth Multiconference Information Society – IS 2010*,   pp. 23-26, Ljubljana, Slovenia, October 11-15, 2010.

31. I. Kraljevski, I. Stojanovic, Z. Gacovski, B. Spireva, "Speech Quality Measurement in GSM Networks Using Time Encoded Signal Processing", *the Nineteenth International Electrotechnical and Computer Science Conference*, pp. 261-264, Portoroz, Slovenia, September 20-22, 2010.

32. I. Stojanovic, I. Kraljevski, S. Chungurski, "Applying of the Algorithm of Lagrange Multipliers in the Removal of Blur in Images", *ICEST2010*, pp. 203-206, Ohrid, Macedonia, June 23-26, 2010.

33. I. Stojanovic, S. Bogdanova, M. Bogdanov, and I. Kraljevski, "Performance of the Hybrid Method of Image Retrieval", *ICEST2010*, pp. 199-202, Ohrid, Macedonia, June 23-26, 2010.

34. I. Stojanovic, S. Bogdanova and M. Bogdanov, "Our experience with image retrieval using progressive wavelet correlation", 17*th Telecommunications Forum*, pp. 944-947, Belgrade, Serbia, Nov. 24-26, 2009.

35. I. Stojanovic, S. Bogdanova and M. Bogdanov, "Retrieving Images Using Content-Based Followed by Pixel-Based Search", *15th International Conference on Systems, Signals and Image Processing*, pp. 271-274, Bratislava, Slovak Republic, June 25–28, 2008, http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=4604419

36. Stojanovic, S. Bogdanova and M. Bogdanov, "Content-Based Image Retrieving Improved by Pixel-Based Search", 14th IWSSIP 2007 and 6th EC-SIPMCS 2007, pp. 395-398, Slovenia, Maribor, June 27-30, 2007, http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=4381120

37. Stojanovic, S. Bogdanova and M. Bogdanov, "Retrieving Images Using Content-Based Search and Progressive Wavelet Correlation", *ICEST2008*, pp. 121-124, Nis, Serbia, June 25-27, 2008.

38. I. Stojanovic, M. Bogdanov, S. Bogdanova "Searching of images stored in a database using content and pixel based methods", 14th *Telecommunications Forum*, pp. 486-489, Belgrade, Serbia, Nov. 21-23, 2006.
39. I. Stojanovic, M. Bogdanov, "Pixel-Based Searching of Images Stored in a Database", *ICEST2006*, pp. 165-168, Sofia, Bulgaria, 29 June – 1 July 2006.
40. I. Stojanovic, M. Bogdanov, D. Taskovski, "Pixel-Based Searching for Object Location in a JPEG Image", *MELECON 2002-11th Mediterranean Electrotechnical Conference*, on CD-ROM, Cairo, Egypt, May 7-9, 2002, Paper No. 115, http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=1014658 .
41. I. Kraljevski, D. Mihajlov, I. Stojanovic, "Speaker Independent Recognition of Isolated Words Interface for IVR Telephone Systems", *7th Information Technologies 2002*, pp. 197-200, Zabljak, Yugoslavia, 24 Feb. – 2 Mar., 2002.
42. I. Stojanovic, D. Taskovski, I. Kraljevski, "Normalized Correlation Coefficients for Searching JPEG Images", *7th Information Technologies 2002*, pp. 104-107, Zabljak, Yugoslavia, 24 Feb. - 2 Mar., 2002.
43. I. Stojanovic, M. Bogdanov, "Location of Objects in a JPEG Image with Progressive Wavelet Correlation using Fourier methods", *9th Telecommunications Forum*, pp. 561-564, Belgrade, Yugoslavia, Nov. 20-22, 2001.

Monograph

44. I. Stojanović, "Progressive Wavelet Correlation for Image Recognition", ISBN-13: 978-3-8473-7500-5, ISBN-10: 3847375008, EAN: 9783847375005, LAP Lambert Academic Publishing, 2013.

Projects
  International:
1. EU funded specific target research project (FP6-2005-IST-6) "Risk Assessment for Customs in Western Balkans (RACWeB)": 2006 – 2008 (participant).
2. Research Project 174013 "Development of methods of computation and information processing: theory and applications": 2010 – 2012 (participant).

  National:
1. "Wavelets, coding in subbands and block transformations: applications in communications and multimedia": 01.07.2000 - 30.06.2003 (participant).
2. "Verification of biometric data with applying of the progressive wavelet correlation": 01.01.2011 - 30.06.2012 (participant).

  University project:
1. "**Applying direct methods for digital image restoring**": 01.04.2014 – 31.03.2016 (Principal researcher).

  ICT COST action:
  Member of the Management Committee:
1. IC1307: The European Network on Integrating Vision and Language (iV&L Net).
2. IC1206: De-identification for privacy protection in multimedia content.
3. IC1204: Trustworthy manufacturing and utilization of secure devices.

  Application projects :
- UGD Academic Repository **http://eprints.ugd.edu.mk**
- UGD Scholars **http://scholar.ugd.edu.mk**
- UGD E-Library **http://e-lib.ugd.edu.mk**
- UGD Journal System **http://js.ugd.edu.mk**

  Head of the Laboratory for digital resources and open access (DROP).

Additional Education and Trainings
  Oracle:
1. Introduction to Oracle9i: SQL, Oracle University Slovenia (April 2003)
2. Oracle Designer: Data Modeling and Relational Design, Oracle University Slovenia (May 2003)
3. Oracle Reports Developer: Build Internet Reports, Oracle University Slovenia (May 2003)

4. Oracle9i: Database Administration Fundamentals I, Oracle University Slovenia (June 2003)
5. Oracle9i: Database Administration Fundamentals II, Oracle University Slovenia (June 2003)
6. Designer R6i: Systems Modeling, Oracle University Slovenia (Sept. 2003)
7. Designer R6i: Server Design and Generation, Oracle University Slovenia (Sept. 2003)
8. Java Programming with JDeveloper, Oracle University Slovenia (Febr. 2004)
9. Oracle 9iAS R2 Basic Administration, Oracle University Slovenia (June 2004)

Informix
1. Case Tools and Methodologies, SchlumbergerSema Belgium and Artisoft Macedonia (May 2001)
2. Informix Database Management, SchlumbergerSema Belgium and Artisoft Macedonia (May 2001)

Unix:
1. Unix Commands and Utilities, ECS Macedonia (May 2003)
2. Compaq Tru64 Unix v5 System Administration, ECS Macdonia (May 2003)
3. Compaq Tru64 Unix v5 Performance Tuning and TruCluster Server Installation and Administration, ECS Macedonia (Nov. 2003)

Network:
1. Telecommunications and Network Management, SchlumbergerSema Belgium and Artisoft Macedonia (June 2001)
2. Telecommunications and Networking, Telematics and Communication Department at the University of Brussels ULB Belgium (July 2001)
3. Network Management, Telematics and Communication Department at the University of Brussels ULB Belgium (July 2001)

Cisco:
1. Installation, configuration, maintenance and interconnection of Cisco networking devices, Pexim Macedonia (March 2003)
2. Building Scalable Cisco Internetworks, Nil Slovenia (April 2003)
3. Building Cisco Multilayer Switched Networks (April 2005)
4. Building Cisco Remote Access Networks (June 2005)
5. Cisco Internetwork Troubleshooting (July 2005)

Other:
1. Customs Officer Course, Macedonian Customs Administration (Nov. 2000) - Certified Customs Officer
2. Web Design and Development, SchlumbergerSema Belgium and Artisoft Macedonia (Sept. 2001)
3. Asycuda, SchlumbergerSema Belgium and Artisoft Macedonia (Sept. 2001)
4. SOClass Application Server Start-up, Methodology and Administration, UNCTAD Geneva (Sept. 2004)

Languages:
- Native Macedonian
- Active English, Serbian, Croatian
- Passive Bulgarian

Employment Record:

Assistant Professor, December, 2011 – present
Faculty of Computer Science, University Goce Delcev, Stip, Macedonia
Responsible for conducting the in Internet Technologies, ,Information Storage and Management, Web Programming, Operating Systems, Computer Architecture.

Teaching Assistant, January, 2008 – December. 2011
Faculty of Computer Science, University Goce Delcev, Stip, Macedonia

Assistant Director for ICT, September, 2006 - December, 2007
ICT Division Manager of Macedonian Customs Administration, Skopje, Macedonia

System Administrator, September, 1999 - September, 2006
ICT Department of Macedonian Customs Administration, Skopje, Macedonia
- Database, UNIX and network administration.
- Full cycle Customs Application administration.