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Education			
Certificate	Date	University	Country
Msc.	04/12/2005	Basra	Iraq
Ph.D	31/07/2013	BSUIR	Belarus
Languages			
English	Speaks English very well		
Arabic	Native		
Other	Russian, speaks Russian very well		
Training Courses/ Workshops			
Title	Date	Period	Country
Managerial Position			
Title	From	To	
Quality Assurance and Academic Accreditation Manager	08/03/2022	Till now	
Scientific Research			
Title	Place & Date of Publication		



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List of Papers Published in 2019 // Now indexed in Scopus

1. Mazin Abdulelah Alawan, Ahmed Najim Nimir Al-Subeeh, Oday Jasim Mohammed Al-Furaiji, “Simulating an induction motor multi-operating point speed control using PI controller with neural network”, Periodicals of Engineering and Natural Sciences, Vol. 7, No. 3, pp. 1478-1485, October 2019.

List of Conferences Published in 2019

REN XUNHUAN, O.J.M. Al-FURAIJI, V.K. KONOPELKO “INTERLEAVING BASED ON LINEAR BLOCK CODE”, Belarusian state university of informatics and radioelectronics, 2019, pp. 5-9.

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1. Oday Jasim Mohammed Al-Furaiji, “Resolution Enhancement of Images Pair Based on Block Cross Interpolation”, Periodicals of Engineering and Natural Sciences, Vol. 8, No. 2, pp.1067-1074, June 2020.
2. Oday Jasim Mohammed Al-Furaiji, Anh Tuan Nguyen, and Viktor Yurevich Tsviatkou, “A New Approach of Finding Local Extrema in Grayscale Images based on Space-Oriented Masks”, Engineering Letters, Vol. 28, No. 2, pp. 586-593, June 2020.
3. Oday Jasim Mohammed Al-Furaiji, Nguyen Anh Tuan, Tsviatkou Viktor Yurevich, “A new fast efficient non-maximum suppression algorithm based on image segmentation”, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 19, No. 2, pp. 1155-1163, August 2020.
4. Oday Jasim Mohammed Al-Furaiji, Violetta Viktorovna Rabtsevich, Viktor Yurevich Tsviatkou, Tatiana Anatolyevna Kuznetsova, and Sergey Antonovich Chizhik, “Segmentation of AFM-Images Based on Wave Region Growing of Local Maxima”, Engineering Letters, Volume 28, Issue 2, pp. 681-698, September 2020.

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1. Mazin Abdulelah Alawan, Oday Jasim Mohammed Al-Furaiji, “Numerous speeds-loads controller for DC-shunt motor based on PID controller with on-line parameters tuning supported by genetic algorithm”, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 21, No. 1, pp. 64–73, January 2021.

List of Papers Published in 2015

OJ Al-Furaiji, AG Shauchuk, VY Tsviatkou “Localization and normalization of isolated direct contour lines based on masks and form-factor”, University of Thi-Qar Journal for Engineering Sciences, 2015



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THE PUBLICATIONS LIST (2008-2012)

Articles in refereed scientific journals

1–A. Boriskevich, A.A. Wavelet compression of half-tone images on the basis of one-dimension combined tree-like structures / A.A. Boriskevich, V.Yu. Tsviatkou, T.M. Al-Juboori, O.J. Al-Furaiji // Doklady BSUIR. – 2008. – № 7(37). – P. 59–66.

2–A. Al-Furaiji, O.J. Contour positioning based on modified Roberts filter for grayscale images / O.J. Al-Furaiji, V.Yu. Tsviatkou // Doklady BSUIR. – 2009. – № 5(43). – P. 30–37.

3–A. Al-Furaiji, O.J. Progressive search for similarity of two images by comparing the corner contour points / O.J. Al-Furaiji, V.Yu. Tsviatkou // Doklady BSUIR. – 2010. – № 5(51). – P. 66–71.

4–A. Al-Furaiji, O.J. Effective coding of images from distributed video cameras in the space with eliminating fragments redundancy between the multi-viewpoints / O.J. Al-Furaiji, V.K. Kanapelka, V.Yu. Tsviatkou // Doklady BSUIR. – 2011. – № 8(62). – P. 87–94.

5–A. Al-Furaiji, O.J. Sector localization, parameterization and identification of reference points based on corner coefficients for aligning the overlapping images / O.J. Al-Furaiji, V.K. Kanapelka, V.Yu. Tsviatkou // Doklady BSUIR. – 2012. – № 6(68). – P. 122–128.

Articles in books and conference proceedings

6–A. Tsviatkou, V.Yu. Grayscale images merging algorithm based on contour masks / V.Yu. Tsviatkou, O.J. Al-Furaiji // International scientific and technical conference, devoted to the 45th anniversary of MRTI–BSUIR, Minsk, 19 March 2009. – P. 42–43.

7–A. Al-Furaiji, O.J. Encryption of circular panoramic images based on cyclic rearrangements / O.J. Al-Furaiji, V.K. Kanapelka // Technical means of information security: VIII Belarusian-Russian scientific and technical conference, (Braslav, Belarus 24–28 May 2010). – Minsk, BSUIR, 2010. – P. 38–39.



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8–A. Al-Furaiji, O.J. Progressive search for matching approximated wavelet images based on contour comparison / O.J. Al-Furaiji, V.Yu. Tsviatkou // Telecommunications: networks and technologies, algebraic coding, and data security: scientific and technical seminars (Braslav, Belarus 22–24 September. 2010). – Minsk, BSUIR, 2010. – P. 50–51.

9–A. Al-Furaiji, O.J. A method of contour positioning of images based on their multiresolution representation / O.J. Al-Furaiji, V.K. Kanapelko, V.Yu. Tsviatkou // Computer sciences are the base for society information: 1st computer science conference proceedings, Iraq, Baghdad, 2010 / University Of Technology. – Baghdad, 2010. – P. 78–89.

10–A. Al-Furaiji, O.J. Object-oriented positioning of images in the wavelet-domain / O.J. Al-Furaiji, V.K. Kanapelko, V.Yu. Tsviatkou // 2nd scientific conference for information technology: Applications and Horizons, UOT, Iraq- Baghdad, Part 4, 20–22 April 2010. – P. 237–258.

11–A. Boriskevich, A.A. An adaptive discrete wavelet transform method of grayscale images / A.A. Boriskevich, V.Yu. Tsviatkou, O.J. Al-Furaiji // Journal of Basrah researches (sciences), Basrah-Iraq, – 2010. –Vol. 36A, № 5. – P. 24–35.

12–A. Al-Furaiji, O.J. A fast search algorithm for corner points based on the contour masks / O.J. Al-Furaiji, N.V. Spichekova // Telecommunications: networks and technologies, algebraic coding, and data security: scientific and technical seminars (Minsk, January–December 2011 г.). Minsk: BSUIR, 2011. – P. 51–56.

13–A. Al-Furaiji, O.J. Parallax invariant parameterization of interest points for effective coding of multi-viewpoint images in the video-monitoring system / O.J. Al-Furaiji, K.T. Al-Shameri, V.Yu. Tsviatkou // Technical means of information security: X Belarusian-Russian scientific and technical conference (Minsk, Belarus 29–30 May 2012). – Minsk, BSUIR, 2012. – P. 78.



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Patents

14–A. Video codec with object motion compensation of videocamera for data compression: Patent 8206 Republic of Belarus / V.K. Kanapelko, V.Yu. Tsviatkou, T.M.S. Al-Juboori, O.J.M. Al-Furaiji; Belarusian State University of Informatics and Radioelectronics. – № u 20110853; submitted in 31.10.2011; accepted in. 01.02.2012. – 18 p.

Awards and Certificate of Appreciation

Certificate	Date	Issued by

Teaching Experience

Subject	Stage