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Datum: 10.01.2020

UNIVERZITET CRNE GORE

-Senatu-

-Centru za doktorske studije-

U prilogu akta dostavljamo Predlog Odluke Vijeća Prirodno-matematičkog fakulteta sa XLI sjednice održane 25.12.2019. godine, na dalje postupanje.

DEKAN
Prof. dr Predrag Miranović

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Broj: 3938
Datum: 26.12.2019

Na osnovu člana 64 Statuta Univerziteta Crne Gore, a u vezi sa članom 29 stav 1 Pravila studiranja na doktorskim studijama Univerziteta Crne Gore, Vijeće Prirodno-matematičkog fakulteta na XLI sjednici održanoj dana 25.12.2019.godine, donijelo je sljedeću

ODLUKU

I

Predlažemo Senatu i Centru za doktorske studije Univerziteta Crne Gore prof. dr Igora Đurovića, redovnog profesora ETF-a za mentora studentu doktorskih studija - studijski program Računarske nauke –mr Kosti Pavloviću.

II

Dokumentacija o ispunjenosti uslova za imenovanje mentora i Potvrda o studiranju Koste Pavlovića predstavlja sastavni dio odluke.

DEKAN
Prof. dr Predrag Miranović

UCG

UNIVERZITET CRNE GORE
Obrazac M: Imenovanje mentora

MENTORSTVO

PREDLOŽENI MENTOR/I			
	Titula, ime i prezime	Ustanova i država	Naučna oblast
Prvi mentor	prof. dr Igor Đurović	Univerzitet Crne Gore - Crna Gora	Obrada signala
Drugi mentor			
Sjednica Vijeća organizacione jedinice na kojoj je izvršeno predlaganje mentora			

KOMPETENCIJE MENTORA (pet objavljenih radova u relevantnim časopisima)		
Prvi mentor	1	Khan, N. A., Mohammadi, M. & Djurović, I. – „A modified Viterbi algorithm based IF estimation algorithm for adaptive directional time-frequency distributions“, Circuits, Systems, and Signal Processing, 2019.
	2	Simeunović, M. & Djurović, I. – „A method for efficient maximization of PPS estimation functions“, Digital Signal Processing, 2019.
	3	Djurović, I. & Simeunovic, M. – „Parameter estimation of 2D polynomial phase signals using non-uniform sampling and 2D CPF“, IET Signal Processing, 2018.
	4	Djurović, I. – „Combination of the Viterbi algorithm and cross-Wigner distribution for the instantaneous frequency estimation phase signals“, Journal on Electrical Engineering, 2018.
	5	Djurović, I, Wang, P., Simeunović, M. & Orlik, P – „Parameter estimation of coupled polynomial phase and sinusoidal FM signals“, Signal Processing, 2018.
Drugi mentor	1	
	2	
	3	
	4	
	5	

PODACI O MAGISTRANDIMA I DOKTORANDIMA				
	Broj magistranada		Broj doktoranada	
	trenutno	ukupno	trenutno	ukupno
Prvi mentor	1	15	0	5
Drugi mentor				

Datum i ovjera (pečat i potpis odgovorne osobe)

U Podgorici,
16.12.2019 god.

MP

DEKAN

UNIVERZITET CRNE GORE
PRIRODNO-MATEMATIČKI FAKULTET
DOKTORSKE STUDIJE

Crna Gora
UNIVERZITET CRNE GORE
PRIRODNO-MATEMATIČKI FAKULTET
Broj 24. 12. 2019
Podgorica, _____ 20___ god.

VIJEĆU PRIRODNO-MATEMATIČKOG FAKULTETA

Predmet: Imenovanje mentora i komentora doktorandu mr Kosti Pavloviću

U skladu sa članom 29 i članom 30 Pravila doktorskih studije, Komisija za doktorske studije PMF-a je na sjednici održanoj 24. 12. 2019. godine razmatrajući zahtjev **mr Koste Pavlovića** za imenovanje mentora za izradu doktorske disertacije, kao i saglasnost **prof. dr Igora Đurovića** utvrdila:

P R E D L O G

Prof. dr Igor Đurović, redovni profesor Elektrotehničkog fakulteta Univerziteta Crne Gore, imenuje se za **mentora** pri izradi doktorske disertacije kandidata **mr Koste Pavlovića.**

Podgorica, 24. 12. 2019. god.

Komisija za doktorske studije

Doc. dr Goran Popivoda

Prof. dr Slađana Krivokapić

Doc. dr Božidar Popović

UNIVERZITET CRNE GORE

Prirodno-matematički fakultet

Vijeću Prirodno-matematičkog fakulteta

ZAHTJEV ZA IMENOVANJE MENTORA NA DOKTORSKIM STUDIJAMA

Uvaženi članice i članovi Vijeća,

Obraćam vam se ovim zahtjevom povodom imenovanja mentora na doktorskim studijama na Prirodno-matematičkom fakultetu Univerziteta Crne Gore, smjer Računarske nauke.

Za mentora predlažem prof. dr Igora Đurovića, redovnog profesora Elektrotehničkog fakulteta Univerziteta Crne Gore.

S poštovanjem,

Student doktorskih studija

Kosta Pavlović

mr Kosta Pavlović

U Podgorici,

16.12.2019 god.

Saglasnost mentora

Igor Đurović

prof. dr Igor Đurović

УНИВЕРЗИТЕТ ЦРНЕ ГОРЕ
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Број: 08-824
Датум, 02.06.2011 г.

Ref:
Date,

Na osnovu člana 75 stav 2 Zakona o visokom obrazovanju (Sl.list RCG, br. 60/03 i Sl.list CG, br. 45/10) i člana 18 stav 1 tačka 3 Statuta Univerziteta Crne Gore, Senat Univerziteta Crne Gore, na sjednici održanoj 02.06.2011. godine, donio je

O D L U K U
O IZBORU U ZVANJE

Dr IGOR ĐUROVIĆ bira se u akademsko zvanje **redovni profesor** Univerziteta Crne Gore za predmete: Programiranje I (osnovne studije, ETF), Programiranje II (osnovne studije, ETR) i Teorija informacija i kodova (osnovne studije, ETR) na **Elektrotehničkom fakultetu**.

УНИВЕРЗИТЕТ ЦРНЕ ГОРЕ
ЕЛЕКТРОТЕХНИЧКИ ФАКУЛТЕТ
Бр. 02/2-764
Подгорица, 09.06. 2011 год.

REKTOR
Prof.dr Predrag Miranović

europass

Europass Radna biografija

Lični podaci

Prezime(na) / Ime(na)	**Đurović Igoor**		
Adresa(e)	Bul. Džordža Vašingtona 66/354 Podgorica		
Telefonski broj(evi)	020235195	Broj mobilnog telefona	067257155
E-mail	igordj@ac.me		
Državljanstvo	Crnogorsko		
Datum rođenja	29.08.1971		
Pol	Muški		

Željeno zaposlenje / zanimanje

Profesor univerziteta

Radno iskustvo

Datumi	01.06.2011. → danas.
Zanimanje ili radno mjesto	Redovni profesor
Glavni poslovi i odgovornosti	Nastava i istraživanje
Ime i adresa poslodavca	Univerzitet Crne Gore, Elektrotehnički fakultet Podgorica
Vrsta djelatnosti ili sektor	Javni, visokoobrazovani, naučni

Datumi	01.05.2006. → 31.05.2011.
Zanimanje ili radno mjesto	vanredni profesor
Glavni poslovi i odgovornosti	Nastava i istraživanje
Ime i adresa poslodavca	Univerzitet Crne Gore, Elektrotehnički fakultet Podgorica
Vrsta djelatnosti ili sektor	Javni, visokoobrazovani, naučni

Datumi	01.04.2001. → 30.04.2006.
Zanimanje ili radno mjesto	docent
Glavni poslovi i odgovornosti	Nastava i istraživanje
Ime i adresa poslodavca	Univerzitet Crne Gore, Elektrotehnički fakultet Podgorica
Vrsta djelatnosti ili sektor	Javni, visokoobrazovani, naučni

Obrazovanje i osposobljavanje

Datumi	Jul 2000
Naziv dodijeljene kvalifikacije	Doktorat u oblasti tehnički nauka
Glavni predmeti / stečene profesionalne vještine	Obrada signala, digitalne informacije
Ime i vrsta organizacije obrazovne institucije	Univerzitet Crne Gore, Elektrotehnički fakultet
Nivo prema nacionalnoj ili međunarodnoj klasifikaciji	

Datumi	Jul 1996
Naziv dodijeljene kvalifikacije	Magistratura u oblasti elektrotehnike
Glavni predmeti / stečene profesionalne vještine	Računari, obrada signala
Ime i vrsta organizacije obrazovne institucije	Univerzitet Crne Gore, Elektrotehnički fakultet
Nivo prema nacionalnoj ili međunarodnoj klasifikaciji	
Datumi	Jul 1994
Naziv dodijeljene kvalifikacije	Dipl. Ing. Elektrotehnike
Glavni predmeti / stečene profesionalne vještine	Elektronika
Ime i vrsta organizacije obrazovne institucije	Univerzitet Crne Gore, Elektrotehnički fakultet
Nivo prema nacionalnoj ili međunarodnoj klasifikaciji	

Lične vještine i kompetencije

Maternji jezik(ci): Srpski

Drugi jezik(ci): **Engleski** **Slušanje/Čitanje/Govorna interacija/Govorna produkcija/Pisanje**

Samoprocjena	Razumijevanje		Govor		Pisanje
Evropski nivo (*)	Slušanje	Čitanje	Govorna interakcija	Govorna produkcija	
Engleski	C2 Iskusni korisnik	C2 Iskusni korisnik	C2 Iskusni korisnik	C2 Iskusni korisnik	C2 Iskusni korisnik

(*) Zajednički evropski referentni okvir za jezike

Društvene vještine i kompetencije	Nastavničke, istraživačke, organizacione
Organizacione vještine i kompetencije	Rukovodio magistarskim i doktorskim studijama na fakultetu
Računarske vještine i kompetencije	C, C++, C#, Java, Matlab, Python, PHP, Objective C, R, SciLab, SAGE, itd, office paket, Corel, AutoCad itd.
Vozačka dozvola	Nema

Dodaci

Igor Djurović

Important links

Time-frequency analysis and signal processing group and Reasearch center for signals, systems and information theory, University of Montenegro

Electrical Engineering Department, University of Montenegro

University of Montenegro

Senate of the University of Montenegro

Montenegrin academy of sciences and arts

Elsevier Signal Processing

IEEE

Featured articles:

[B10] S. Stanković, I. Djurović, I. Pitas: "Watermarking in the space/spatial-frequency domain using two-dimensional Radon Wigner distribution", IEEE Trans. on Image Processing, Vol.10, No.4, April 2001, pp.650-658. (cited 153 times Scholar/98 Scopus).

[B45] E. Sejdić, I. Djurović, J. Jiang "Time-Frequency Feature Representation Using Energy Concentration: An Overview of Recent Advances", Digital Signal Processing, Vol. 19, No. 1, Jan. 2009, pp. 153-183 (cited 136 times Scholar/98 Scopus).

[B11] I. Djurović, S. Stanković, I. Pitas: "Digital watermarking in the fractional Fourier domain", Journal of Network and Computer Applications, Academic Press, Vol.24, No.2, Apr. 2001, pp.167-173 (cited 128 times Scholar/76 Scopus).

[B35] LJ. Stanković, T. Thayaparan, I. Djurović: "Separation of target rigid body and micro-Doppler effects in ISAR imaging", IEEE Transactions on Aerospace and Electronics, Vol. 42, No. 4, Oct. 2006, pp. 1496-1505 (cited 95 times Scholar/62 scopus).

[B66] E. Sejdić, I. Djurović, LJ. Stanković, "Fractional Fourier transform as a signal processing tool: An overview of recent developments", Special issue on the Fourier related transforms, Signal Processing, Vol. 91, No. 6, June 2011, pp. 1351-1369 (cited 80 times Scholar/51 scopus).

[B47] T. Thayaparan, L. Stanković, I. Djurović: "Micro-Doppler Human Signature Detection and its Application to Gait Recognition and Indoor Imaging", Journal of The Franklin Institute, Vol. 345, No. 6, Sept. 2008, pp. 700-722 (cited 78 times Scholar/57 scopus).

[B20] I. Djurović, LJ. Stanković, J. F. Böhme: "Robust L-estimation based forms of signal transforms and time-frequency representations", IEEE Trans. Signal Processing, Vol. 51, No. 7, July 2003, pp.1753-1761 (cited 65 times Scholar/45 scopus).

[B14] I. Djurović, Lj. Stanković: "Robust Wigner distribution with application to the instantaneous frequency estimation", IEEE Trans. on Signal Processing, Vol.49, No.12, Dec. 2001, pp. 2985-2993 (cited 59 times Scholar/40 scopus).

[B24] I. Djurović, LJ. Stanković: "An algorithm for the Wigner distribution based instantaneous frequency estimation in a high noise environment", Signal Processing, Vol. 84, No. 3, Mar. 2004, pp. 631-643 (cited 55 times Scholar/43 scopus).

[B5] I. Djurović, Lj. Stanković: "A virtual instrument for time-frequency signal analysis", IEEE Trans. on Instrumentation and Measurements, Vol.48, No.6, Dec. 1999, pp.1086-1092 (cited 45 times Scholar/17 scopus).
[B12] I. Djurović, V. Katkovnik, Lj. Stanković: "Median filter based realizations of the robust time-frequency distributions", Signal Processing, Vol.81, No.7, 2001, pp. 1771-1776 (cited 44 times Scholar/30 scopus).
[B6] Lj. Stanković, S. Stanković, I. Djurović: "Space/Spatial frequency analysis based filtering", IEEE Transactions Signal Processing, Vol.48, No.8, Aug.2000, pp. 2343-2352 (cited 43 times Scholar/22 scopus).
[B8] I. Djurović, LJ. Stanković: "Influence of high noise on the instantaneous frequency estimation using time-frequency distributions", IEEE Signal Processing Letters, Vol.7, No.11, Nov. 2000, pp.317-319 (cited 37 times Scholar/31 scopus).
[B40] I. Djurović, E. Sejdić, J. Jiang: "Frequency based window width optimization for S-transform" AEU – International Journal of Electronics and Communications, Vol. 62, No.4, pp.245-250, Apr. 2008 (cited 34 times Scholar/27 scopus).
[B34] I. Djurović, T. Thayaparan, LJubiša Stanković: "Adaptive Local Polynomial Fourier Transform in ISAR", Journal of Applied Signal Processing, vol. 2006, Article ID 36093, 2006 (cited 32 times Scholar/14 scopus).
[B19] I. Djurović, S. Stanković: "Estimation of Time-Varying Velocities of Moving Objects by Time-Frequency Representations", IEEE Trans. Image Processing, Vol.12, No.5, May 2003, pp.550-562 (cited 32 times Scholar/18 scopus).
[B4] I. Djurović, Lj. Stanković: "Time-frequency representation based on the reassigned S-method", Signal Processing, Vol.77, No.1, 1.August 1999, pp.115-120 (cited 29 times Scholar/20 scopus).
[D31] LJ. Stanković, I. Djurović, A. Ohsumi, H. Ijima: "Instantaneous Frequency Estimation by Using Wigner Distribution and Viterbi Algorithm", in Proc. of ICASSP 2003, Hong Kong, China, Apr. 2003, Vol. VI, pp. 121-124 (cited 28 times Scholar/11 scopus).
[D44] C. Conru, I. Djurović, C. Ioana, A. Quinquis, LJ. Stanković: "Time-frequency detection using Gabor filter banks and Viterbi based grouping algorithm" in Proc. of IEEE ICASSP'2005, Philadelphija, USA, Mar. 2005, Vol. 4, pp.497-500 (cited 25 times Scholar/4 scopus).
[B18] Lj. Stankovic, I. Djurovic, R. M. Lakovic: "Instantaneous frequency estimation by using the Wigner distribution and linear interpolation", Signal Processing, Vol.83, No.3, Mar.2003, pp.483-491 (cited 23 times Scholar/14 scopus).
[B3] S. M. Perović, I. Djurović, D. V. Tošić: "Reply to the some comments concerning the discrete eigenvalue", Nuclear Science and Engineering, Vol.131, No. 3, Mar. 1999, pp.439-441 (cited 23 times Scholar/???? scopus).
[B2] S. Stanković, I. Djurović, V. Vuković: "System architecture for space-frequency image analysis", Electronics Letters, Vol.34, No.23, 12.Nov. 1998, pp.2224-2225 (cited 23 times Scholar/10 scopus).

List of publications

Books

[*] E. Sejdić, I. Djurović, J. Jiang, LJ. Stanković, "Time-frequency based feature extraction and classification: Considering energy concentration as a feature using the Stockwell transform and related approaches," VDM, Germany (ISBN 3639219600 ISBN-13 - 9783639219609), 21 Dec. 2009.

Book chapters

[a1] V. Katkovnik, I. Djurović, Lj. Stanković: "Robust time-frequency distributions", in "Time-frequency signal analysis and applications", Elsevier, editor B.Boashash, 2003, pp. 392-399.

[a2] I. Djurović, LJ. Stanković, V. Popović, M. Daković, T. Thayaparan, "Time-frequency analysis for SAR and ISAR imaging", GeoSpatial Visual Analytics: Geographical Information Processing and Visual Analytics for Environmental Security, eds. R. De Amicis et al., Springer Science + Business Media B.V. 2009, ISBN 978-90-481-2898-3, pp. 113-127.

[a3] V. V. Lukin, D. V. Fevralev, S. K. Abramov, N. N. Ponomarenko, S. S. Krivenko, O. B. Pobrebnyak, K. O. Egiazarian, J. T. Astola and I. Djurović: "Removal of non-stationary noise by DCT based locally adaptive filtering," "Теоретические и практические аспекты цифровой обработки сигналов в информационно-телекоммуникационных системах" (Theoretical and practical aspects of digital signal processing in information-telecommunication systems), u izdanju SRSUES (South-Russian State University of Economics and Service), editor V. Marchuk, pp. 12-42, 2009.

[a4] I. Djurović, Dj. Stojanović: "Multicarrier Techniques in Different Wireless Environments", Scientific Meeting: Mobile and Wireless communications, state of art and perspectives, CANU 2009, pp. 78-99.

[a5] V. V. Lukin, D. V. S. K. Abramov, N. N. Ponomarenko, D. A. Kurkin, O. B. Pogrebnyak, K. Egiazarian, J. R. Astola, I. Djurović, "Noise suppression at digital image processing by the method of local-adaptive discrete cosine filtration", in Methods of digital signal processing for solving applied problems, editor V. I. Marčuka, pp. 34-70, Moskva, Radiotehnika, 2012 (na ruskom).

[a6] I. Djurović, M. Simeunović, S. Djukanović, "Instantaneous frequency and polynomial phase parameter estimation using linear time-frequency representations," in in "Time-frequency signal analysis and applications", Academic press, 2nd edition, editor B.Boashash, Dec. 2015, ISBN :9780123984999, pp. 620-626.

[a7] V. Katkovnik, I. Djurović, Lj. Stanković: "Robust time-frequency distributions", in "Time-frequency signal analysis and applications", Academic press, 2nd edition, editor B.Boashash, Dec. 2015, ISBN :9780123984999, pp. 539-546.

A. Thesis:

[A1] I. Djurović: "Kernel function in the time-frequency analysis and software package for distribution realization", M.S. thesis, University of Montenegro, Podgorica, July 1996.

[A2] I. Djurović: "Time-frequency representations in estimation of signal paremeters, with application in digital watermarking", Ph.D. Thesis, University of Montenegro, July 2000.

B. Leading world journals and book chapters

[B1] Lj. Stanković, I. Djurović: "Relationship between the ambiguity function and fractional Fourier transform", Annales des Telecommunications, Vol.53, No.7/8, July/August 1998, pp.316-319.

[B2] S. Stanković, I. Djurović, V. Vuković: "System architecture for space-frequency image analysis", Electronics Letters, Vol.34, No.23, 12.Nov. 1998, pp.2224-2225.

[B3] S. M. Perović, I. Djurović, D. V. Tošić: "Reply to the some comments concerning the discrete eigenvalue", Nuclear Science and Engineering, Vol.131, No. 3, Mar. 1999, pp.439-441.

[B4] I. Djurović, Lj. Stanković: "Time-frequency representation based on the reassigned S-method", Signal Processing, Vol.77, No.1, 1.August 1999, pp.115-120.

[B5] I. Djurović, Lj. Stanković: "A virtual instrument for time-frequency signal analysis", IEEE Trans. on Instrumentation and Measurements, Vol.48, No.6, Dec. 1999, pp.1086-1092.

[B6] Lj. Stanković, S. Stanković, I. Djurović: "Space/Spatial frequency analysis based filtering", IEEE Transactions Signal Processing, Vol.48, No.8, Aug.2000, pp. 2343-2352.

[B7] V. Katkovnik, I. Djurović, Lj. Stanković: "Instantaneous frequency estimation using robust spectrogram with varying window length", International J. Electron. Commun., AEU, Vol.54, No.4, 2000, pp.193-202.

[B8] I. Djurović, LJ. Stanković: "Influence of high noise on the instantaneous frequency estimation using time-frequency distributions", IEEE Signal Processing Letters, Vol.7, No.11, Nov. 2000, pp.317-319.

[B9] Lj. Stanković, I. Djurović: "A note on "An overview of aliasing errors in discrete-time formulations of time-frequency representations"", IEEE Trans. on Signal Processing, Vol.49, No.1, Jan. 2001, pp.257-259.

[B10] S. Stanković, I. Djurović, I. Pitas: "Watermarking in the space/spatial-frequency domain using two-dimensional Radon Wigner distribution", IEEE Trans. on Image Processing, Vol.10, No.4, April 2001, pp.650-658.

[B11] I. Djurović, S. Stanković, I. Pitas: "Digital watermarking in the fractional Fourier domain", Journal of Network and Computer Applications, Academic Press, Vol.24, No.2, Apr. 2001, pp.167-173.

[B12] I. Djurović, V. Katkovnik, Lj. Stanković: "Median filter based realizations of the robust time-frequency distributions", Signal Processing, Vol.81, No.7, 2001, pp. 1771-1776.

[B13] S. Stanković, I. Djurović: "Motion parameter estimation by using time frequency

representations", Electronics Letters , Vol.37, No.24, Nov. 2001, pp. 1446-1448.

[B14] I. Djurović, Lj. Stanković: "Robust Wigner distribution with application to the instantaneous frequency estimation", IEEE Trans. on Signal Processing, Vol.49, No.12, Dec. 2001, pp. 2985-2993.

[B15] I. Djurović, Lj. Stanković, J. F. Böhme: "Estimates of the Wigner distribution in Gaussian noise environment", AEU International Journal of Electronics and Communications, Vol.56, No.5, 2002, pp. 337-340.

[B16] I. Djurović, Lj. Stanković: "Realization of the robust filters in the frequency domain", IEEE Signal Processing Letters, Vol.9, No.10, Oct.2002, pp.333-335.

[B17] I. Djurović, Lj. Stanković: "Adaptive windowed Fourier transform", Sig. Proc., Vol.83, No.1, Jan.2003, pp.91-100.

[B18] Lj. Stankovic, I. Djurovic, R. M. Lakovic: "Instantaneous frequency estimation by using the Wigner distribution and linear interpolation", Signal Processing, Vol.83, No.3, Mar.2003, pp.483-491.

[B19] I. Djurović, S. Stanković: "Estimation of Time-Varying Velocities of Moving Objects by Time-Frequency Representations", IEEE Trans. Image Processing, Vol.12, No.5, May 2003, pp.550-562.

[B20] I. Djurović, LJ. Stanković, J. F. Böhme: "Robust L-estimation based forms of signal transforms and time-frequency representations", IEEE Trans. Signal Processing, Vol. 51, No. 7, July 2003, pp.1753-1761.

[B21] S. Stanković, I. Djurović, R. Herpers, LJ. Stanković: "An Approach to Optimal Watermark Detection", AEU International Journal of Electronics and Communications, Vol. 57, No. 5, 2003, pp. 355-357.

[B22] H. Ijima, A. Ohsumi, I. Djurović, H. Sato, H. Okura: "Parameter Estimation of Signals in Random Noise: An Approach Using Psedo-Wigner Distribution", Trans. IEICE (The Institute of Electronics, Information and Communication Engineers), Vol.J86-A, No.11, 2003, pp.1158-1169.

[B23] I. Djurović: "Robust adaptive local polynomial Fourier transform", IEEE Signal Processing Letters, Vol.10, No.2, Feb.2004, pp.201-204.

[B24] I. Djurović, LJ. Stanković: "An algorithm for the Wigner distribution based instantaneous frequency estimation in a high noise environment", Signal Processing, Vol. 84, No. 3, Mar. 2004, pp. 631-643.

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[E15] I. Djurović, Lj. Stanković: "Upotreba vremensko-frekvencijskih transformacija u estimaciji amplitude i trenutne frekvencije signala", XLIII konferencija ETRAN, Zlatibor 1999, Vol.I, pp.111-114.

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[E17] I. Djurović, S. Stanković, I. Pitas: "Digitalni watermarking u FRFT domenu", Infofest'99, Budva, pp.53-59.

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[E19] Lj. Stanković, I. Djurović: "Estimacija trenutne frekvencije korištenjem robusne Wignerove distribucije", IT'00, Žabljak 2000, pp.5-8.

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[E27] V. Rubežić, I. Đurović, M. Daković, "Detekcija haosa u Čuinom oscilatoru", Informacione tehnologije IT '05, Zbornik radova, Žabljak, 2005, pp. 222-225.

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[E31] I. Djurović, M. Simeunović, V. Popović: "Primjena modifikovane kubične fazne funkcije u estimaciji parametara SAR signala", IT'09, Žabljak, u štampi.

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[E38] V. Rubežić, I, Djurović, E. Sejdić, "Skalirajući eksponenti u analizi haosa u oscilatornim kolima," IT 2011, Žabljak u štampi.

[E39] B. Đurović, I. Đurović, "Višenitno izvršavanje pri filtriranju slika u .NET framework-u" IT 2011, Žabljak.

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[E41] Z. Miljanić, I. Đurović, I. Vujošević, "Optimalna konfiguracija fazorskih mjerenja za postizanje pouzdane estimacije stanja," II Savjetovanje CG Cigre, Maestral, Pržno, Maj 2011.

[E42] A. Pelinković, Đ. Stojanović, I. Djurović, "Application of the affine Fourier Transform based Multicarrier System in Aeronautical Satellite Channels", 19th Telfor 2011, pp. 754-757.

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[E44] I. Djurović, Važnost GEO inicijativa i Crnogorski kapaciteti u ovim oblastima, uvodna riječ na istoimenom skupu, Crnogorska akademija nauka i umjetnosti No. 119, Odjeljenje prirodnih nauka No. 16, pp. 5-6.

[E45] I. Djurović, V. Popović-Bugarin, "GEO inicijative i projekat BalkanGEO.net," Zbornik sa skupa Važnost GEO inicijativa i Crnogorski kapaciteti u ovim oblastima, Crnogorska akademija nauka i umjetnosti No. 119, Odjeljenje prirodnih nauka No. 16, pp. 8-23.

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[E50] M. Asanović, R. Stojanović, I. Djurović, "Metoda detekcije vatre u realnom vremenu na bazi obrade slike," IT2014, Žabljak, pp. 236-239.

[E51] P. Sekulić, S. Djukanović, and I. Djurović, "Detection of downy mildew in grapevine leaves using support vector machine," Informacione Tehnologije - IT 2016, March 2016.

F. Books

[F1] Z. Uskoković, Lj. Stanković, I. Djurović: "MATLAB for Windows", Univerzitet Crne Gore, Podgorica 1998.

[F2] R. M. Laković, I. Djurović: "Tekst procesori", Viša računarska škola, Podgorica 1999.

[F3] Lj. Stanković, I. Djurović: "Zbirka riješenih zadataka iz digitalne obrade signala", Univerzitet Crne Gore, 2001.

[F4] Saradivao u izradi pojedinih djelova monografije: Lj. Stanković et all: "Time-frequency signal analysis", Elektrotehnički fakultet u Podgorici, 2001.

[F5] R. M. Laković, I. Djurović: "Tekst procesori", Visoka računarska škola - Monet, Podgorica 2003.

[F6] I. Đurović, "Digitalna obrada slika," ETF Edicija Udžbenici, 2006.

[F7] I. Đurović, S. Đukanović, V. Popović, "Programski jezik C sa zbirnom urađenih zadataka," ETF Edicija Udžbenici, 2006.

[F8] S. Đukanović, I. Đurović, V. Popović-Bugarin, , "Programski jezik C sa zbirnom urađenih zadataka," II izdanje, Narodna knjiga, 2018.

G. Textbooks

[G1] Lj. Stanković, I. Djurović: "Digitalna obrada signala: Zbirka zadataka", Skripta, ETF, Podgorica 1996.

[G2] I. Djurović, R. Laković: "Tekst procesori sa elementima MS DOS-a, Windows-a i desktop

publishing-a", Skripta, Viša računarska škola, Podgorica 1996.

[G3] I. Djurović, Z. Uskoković, Lj. Stanković: "MATLAB 4", Skripta, ETF, Podgorici, Podgorica 1996.

[G4] I. Djurović: "Osnovi računara II, FORTRAN 77, Urađeni primjeri", Skripta, ETF Podgorica 1998.

[G5] I. Djurović, R. Laković: "Stono izdavaštvo", Skripta, Viša računarska škola 1999.

[G6] I. Djurović: "Digitalna obrada slike", recenzirana skripta, ETF 2001.

[G7] I. Djurović, S. Djukanović, V. Popović: "Programski jezik C: Predavanja sa zbirkom riješenih zadataka," skripta u pripremi, Podgorica 2004.

[G8] I. Djurović, V. Popović: "Objektno orijenisano programiranje na programkom jeziku C++ sa zbirkom riješenih zadataka," skripta u pripremi, Podgorica 2004.

[G9] I. Djurović: "Principi programiranja," skripta, Podgorica 2004.

[G10] I. Đurović, S. Đukanović, V. Popović, "Programiranje I – praktikum za laboraorijske vježbe", Elektrotehnički fakultet, Podgorica 2010.

[G11] I. Đurović, V. Popović, M. Simeunović, P. Raković, "Programiranje II – praktikum za laboratorijske vježbe", Elektrotehnički fakultet, Podgorica 2010.

H. Projects

[H1] "Time-frequency signal analysis", Head of project: Prof. Dr. Ljubiša Stanković, Ministarstvo za nauku Republike Crne Gore, 1996.

[H2] "Hardware and software realization of a systems for analysis of the nonstationary signals", Head of project: Prof.Dr. Srdjan Stanković, Ministarstvo za nauku Republike Crne Gore, 1996.

[H3] "Space-frequency image analysis", Head of project: Prof. Dr. Srdjan Stanković, Ministarstvo za prosvjetu i nauku Republike Crne Gore, 2000.

[H4] "Time-varying filtering", Head of project: Prof.Dr. Ljubiša Stanković, Ministarstvo za nauku Republike Crne Gore, 2000.

[H5] "Time-frequency analysis: Methods and applications", Head of project: Prof.Dr. Ljubiša Stanković, Volkswagen Stiftung, Federal Republic of Germany, 2001-2003.

[H6] "Signal detection and estimation by time-frequency representations", Grant No.01215, Ministarstva obrazovanja Japana, 2002.

[H7] PAI Pelikan Projekat sa ENSIETA, Brest, Francuska, rukovodioci projekta: LJ. Stanković i A. Quinquis, 2004-2005.

[H8] LJ. Stanković, T. Thayaparan, M. Daković, I. Đurović: "Micro-Doppler and moving target analysis using time-frequncy analysis techniques" research project, Defence R&D Canada, Ottawa, Technical Memorandum, DRDC Ottawa TM 2005-000, 2005.

[H9] "Estimacija parametara signala zasnovana na vremensko-frekvencijskim transformacijama sa primjenom u telekomunikacionim sistemima", rukovodila projekta

Igor Đurović, Ministarstvo prosvjete i nauke Republike Crne Gore, 2005-2006.

[H10] CDP+ Project for the course "Digitalna obrada slike", supported by WUS Austria, 2006-07.

[H11] Rukovodilac projekta "Novel time-frequency analysis tools for efficient bird-song classification" sa Prof. Ilyas Potamitis, Technological Education Institute of Crete, Greece.

[H12] Rukovodilac projekta "Estimacija parametara signala zasnovana na vremensko-frekvencijskim transformacijama sa primjenom u telekomunikacionim sistemima", projekat kod Ministarstva prosvete i nauke, Crne Gore 2006-2007.

[H13] Rukovodilac projekta "Lokalna polinomijalna aproksimacija i tehnike multiparametarske optimizacije u estimaciji parametara i filtriranju signala," projekat kod Ministarstva prosvete i nauke, Crne Gore 2009-2011.

[H14] Istraživački projekat u INP Grenoble, France, finansiran od strane CNRS, No. 180 089 013 00387.

[H15] FP7 BalkanGEONet, 2010-2013, head of Montenegrin part of constortium.

[H16] COST VISTA akcija, rukovodilac CG tima.

[H17] "Estimacija parametara polinomijalno faznih signala sa primjenama", Crnogorska akademija nauka i umjetnosti, 2012.

[H18] "Inteligentne tehnike pretraživanja sa primjenama u parametarskoj estimaciji, komunikacijama i energetici", rukovodilac projekta, Ministarstvo nauke, 2012-2015.

[H19] Član tima koji realizuje projekat FP7 For-*e*-mont 2013-2016.

[H20] Holistic, IPA Cross border Adriatic project, rukovodilac Crnogorskog dijela konzorcijuma, 2013-2016.

[H21] "Ubrzavanje procesiranja u obradi i analizi medicinskih slika pomoću GPGPU tehnologije", bilateralni projekat sa BiH, rukovodilac crnogorskog dijela tima, na BiH strani rukovodilac Damir Demirović.

[H22] Rukovodilac/direktor Projekta za uspostavljanje prvog Centra uspješnosti u Crnoj Gori BIO-ICT. Director of the first Montenegrin Center of excellence in bio-informatics 2014-2017.

I. Lectures

[I1] I. Đurović: "Design of time-frequency representations," Kyoto Institute of Technology, Februar 2005.

[I2] I. Đurović: "Estimation and filtering of signals by using the time-frequency representations," Kyoto Institute of Technology, Februar 2002.

[I3] I. Đurović: "Introduction to digital watermarking," DAAD Seminar – New trends in multimedia, Kotor, Februar 2005.

[I4] I. Djurović, LJ. Stanković, V. Popović, M. Daković, T. Thayaparan, "Time-frequency analysis for SAR and ISAR imaging", Nato ARW, Trento, Oct. 2008.

[I5] I. Djurović, "Mobilne i bežične komunikacije: Stanje i perspektive", Introduction, CANU, urednik Igor Đurović.

[I6] I. Djurović, "Nauka u Crnoj Gori", 19.05.2011, Fakultet za pomorstvo Kotor.

[I7] I. Djurović, M. Simeunović, "Recent advances in the estimation of the polynomial phase signals", invited talk MECO 2012, June 2012.

[I8] I. Djurović, "Estimation of the polynomial-phase signals – Recent advances" WORKSHOP ON THE TIME-FREQUENCY ANALYSIS AND APPLICATIONS, 28. May – 01. June 2012, Budva, Montenegro.

[I9] I. Djurović, "GEO/GEOSS", "Geo Initiatives" within MECO 2012 conference and FP7 BalkanGEO.net project, Bar, Montenegro 19.06.2012.

[I10] I. Djurović, "GAM#6", B.GN and OBSERVE joint management meeting #3, Split, Croatia, 26.06.2013.

[I11] I. Djurović, "GEO Inicijative – Projekat BalkanGEO.net", INSPIRATION – Infrastruktura prostornih podataka za zemlje Zapadnog Balkana EuropeAid /130907/C/S ER/ Multi Inspire Dan – Montenegro, 03.12 2012.

J. Grants and Awards

[J1] Award for the best paper in Section for Circuits, Systems and Signal Processing, ETRAN Conference, 1998.

[J2] PhD thesis supported by the DSS program of the World University Service, Austria, 2000.

[J3] Japan Society for the Promotion of Science fellowship (Kyoto Institute of Technology, Kyoto, Japan) 2001-2002.

[J4] Montenegrin academy for science and art (CANU) biannual award "Petar Vukcevic", for scientific achievements, 2002.

[J5] Ministry of Science and Education of Japan (Munbusho), Grant-In-Aid for scientific research, Grant No. 01215, 2002.

[J6] The highest state prize "13. Julska nagrada" for 2016 for scientific achievements.

K. Other scientific activities

[K1] Reviewer:

IEEE Transactions on Signal Processing

IEEE Transactions on ImageProcessing

Signal Processing (Elsevier)

Electronics Letters

IEEE Signal Processing Letters

IEE Proceedings for Vision, Image and Signal Processing

Journal of Applied Signal Processing

IEEE Transactions on Circuit and Systems II

IEEE Trans. Aerospace and Electronics Systems

Optics Communications

Tehnika

ETF Journal of Electrical Engineering

IET Proceedings Radar, Sonar and Navigation

Multimedia Systems

Research Letters in Signal Processing

Journal of Sounds and Vibrations

Journal of the Optical Society of America A

Journal of Electromagnetic Waves and Applications

Pattern Recognition Letters

IET Circuits, Devices & Systems

BioMedical Engineering

Digital Signal Processing

Computer methods and programs in biomedicine

Signal, Image and Video Processing

Computers in Biology and Medicine

IEEE Transactions on Wireless Communication

IEEE Transactions on Communications

World Journal of Modeling and Simulation

IEEE Instrumentation and Measurement Magazine

China Communications

Mathematical Problems in Engineering

Journal of the Franklin Institute

Measurement

Sensors

Journal of Sensors

IEEE Sensors Journal

IET Generation, Transmission & Distribution

International Journal of Advanced Intelligence Paradigms (IJAIP)

IEEE Journal on Selected Topics in Signal Processing

IET Communications

Progress in Electromagnetic Research

IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control

Frontiers of Information Technology & Electronic Engineering

Signal, Image and Video Processing

Journal of Sensors

Journal of Circuits, Systems, and Computers

IETE Journal of Research

Microprocessors and Microsystems

Physica A: Statistical Mechanics and its Applications

Bio-algorithms & Med-systems

International Journal of Signal Processing and Analysis

SoftwareX

Computers and Electrical Engineering

Ain Shams Engineering Journal

3D Research

IEEE Access

International Journal of Wavelets, Multiresolution and Information Processing

--2019

Remote sensing image processing

IET Wireless Sensor Systems

[K2] Conferences:

Member of Technical Program Committee, ICCCAS'05

Member of reviewer boards of several international conferences

Editor and member of editorial board for scientific meeting at the Montenegrin academy of Sciences and Arts: "Mobile and wireless communications: State of the art and perspectives", March 2009.

Reviewer Eusipco 2010

Reviewer of TELFOR 2010

Reviewer of IT 2012

Reviewer of IT 2013

Reviewer of IT 2014

Reviewer of IT 2015

Member of editorial board of IT 2012

Member of editorial board of IT 2013

Member of editorial board of IT 2014

Member of scientific committee of MECO 2012

Member of scientific committee of MECO 2013

Member of scientific committee of MECO 2014

Reviewer of MECO 2012

Reviewer of MECO 2013

Reviewer of MECO 2014

Technical program committee member of Eusipco 2012

Technical program committee member of Eusipco 2013

Reviewer of MECO 2014

Program Committee member of DESSERT 2019

[K3] Membership

IEEE Member (Student 1999, Associate 2001, Member 2002, Senior 2006)

Technical science comity of the Montenegrin academy of sciences and arts (CANU)

Center for young scientists of the Montenegrin academy of sciences and arts (CANU) 2010-2011 as president.

Associate Member of the Montenegrin Academy of Sciences and Arts from 2011.

Full Member of the Montenegrin Academy of Sciences and Arts from 2018.

Member of governing body of ETRAN Society 2019.

[K4] Associate Editor

Member of editorial board of "Research Letters in Signal Processing".

Member of editorial board of "Journal of Electrical and Computer Engineering"

Eurasip Journal on Advances in Signal Processing, Special issue on Robust Signal Processing of Nonstationary Signals, lead guest Editor

Signal Processing, member of the editorial board (AE)

[K5] Project evaluator

Evaluator of technological development projects for 2011-2014, Ministry of Science and technological development, Republic of Serbia.

Evaluator of EU Fractals projects, 2015.

Evaluator for Fund for innovations and technological development, FYROM, 2015.

Evaluator of Promis Projects, Republic of Serbia.

[K5] Award committees

2015-2019 Best Paper Award committee for Eurasip Signal Processing.

[K6] Editorijalni odbori

Član editorijalnog odbora časopisa "Radioelectronic and computer systems".

L. Visits and stays

[L1] AIIA Group, Aristotle University, Greece, Research in digital watermarking and data hiding, 1999.

[L2] International Visitors Program, State Department USA, Aug.-Sept. 2001.

[L3] JSPS Fellowship, Kyoto Institute of Technology, 2001-2002.

[L4] One month visit to Ruhr University Bochumm Germany and joint research in Signal Theory Group within Volkswagen Stuftung Project, 2003.

[L5] One month visit to ENSIETA, Brest and joint research within PAI Pelikan, Project, 2004.

[L5] Three weeks visit to the National Aerospace University, Kharkov, Ukraine, June 2006.

[L6] Two weeks visit to the Tampere University of Technology, Tampere, Finland, July 2006.

[L7] Research project CNRS No. 180 089 013 00387 realized at INP Grenoble, France.

[L6] INP Grenoble, France, 2008, project funded by CNRS.

[L7] Tampere university of technology, Finland, 2006 visit supported by WUS Austria.

[L8] National aerospace university, Kharkov, Ukraine, 2006 joint research with group of Prof. V. Lukin.

[L9] Technological edicational institute, Creete, Greece, 2006 joint research with I. Potamitis.

M. Other activities

[M1] Vještačenje u sporu kod privrednog suda broj P 150/03 iz oblasti informatike.

[M2] Član Komisije za ocjenu ponuda za naplatne rampe na tunelu "Sozina", 2005.

[M3] Član komisije za avio nesreće pri Upravi za civilno vazduhoplovstvo Crne Gore.