др Негован Стаменковић, ван.проф

а) Основни биографски подаци :

Име (име оба родитеља) и презиме:	Негован (Миодраг) Стаменковић
Датум и мјесто рођења:	30.0301979. године, Гњилане, КиМ, Србија
Установе у којима је био запослен:	09.03.2009 Природно-математички факултет Косовска Митровица
Радна мјеста:	2009- асистент, Природно-математички факултет Косовска Митровица 2011 доцент, Природно-математички факултет Косовска Митровица 2016 ван.проф. Природно-математички факултет Косовска Митровица
Чланство у научним и стручним организацијама или удружењима:	Председник удружења информатичара Косова и метехије

б) Дипломе и звања:

Основне студије	
Назив институције:	Факултет техничких наука Косовска Митровица
Звање:	Дип.инж. електронике и телекомуникације
Мјесто и година завршетка:	Косовска Митровица, 2006
Просјечна оцјена из цијелог студија:	
Постдипломске студије:	
Назив институције:	
Звање:	
Мјесто и година завршетка:	
Наслов завршног рада:	
Научна/умјетничка област (подаци из дипломе):	
Просјечна оцјена:	
Докторске студије/докторат:	
Назив институције:	Електронски факултет
Звање:	Доктор електротехнике и рачунарства
Мјесто и година одбране докторске дисертација:	Ниш, 2011. године
Назив докторске дисертације:	Реализација филтара за подопсежно кодовање засновано на аритметици остатака
Научна/умјетничка област (подаци из дипломе):	

в) Научна/умјетничка дјелатност

Научна монографија националног значаја:

Научна монографија међународног значаја:

1. Naslov: Digital filter implementation using RNS-binary arithmetic
Izdavač: LAP LAMBERT Academic Publishing
Autori: **Negovan Stamenković**
ISBN: 978-3-659-52190-4
https://www.morebooks.de/store/gb/book/digital-filter-implementation-using-rns-binary-arithmetic/isbn/978-3-659-52190-4

Прегледни научни рад у часопису међународног значаја или поглавље у монографији истог ранга:

1. Negovan Stamenković, Vidosav Stojanović: The design of two channel IIR QMF bank directly from analog prototype- International Journal of Electronics vol.98. No7. July 2011. pp. 961-972. http://www.tandfonline.com/doi/abs/10.1080/00207217.2011.560558?journalCode=tetn20#.VEfWMCKsWfV
2. N.Stojanović, N.Stamenković, V.Stojanović: All-Pole Recursive Digital Filters Desing Based on Ultraspherical polynomials-Radioengineering vol.23. Number 3. ISSN 1210-2512. September 2014. pp. 949-954
http://www.radioeng.cz/search.htm
3. Dragana Živaljević, Negovan Stamenković, Vidosav Stojanović: Nearly monotonic passband low-pass filter design by using sum-of-squared Legendre polynomials- International Journal of Circuit Theory and Applications- Vol.44. Number 1. pp. 147-161. 2016. DOI 10.1002/ cta.2068
http://www3.interscience.wiley.com.proxy.kobson.nb.rs:2048/cgi-bin/jhome/1976
4. Stojanović Nikola, Stamenković Negovan, Krstić Ivan: Discrete-Time Filter Synthesis Using Product of Gegenbauer Polynomials- Radioengineering vol.25. number 3. ISSN 1210-2512. September. 2016 pp.500-505
http://www.radioeng.cz/search.htm
5. Stojanović Nikola, Stamenković Negovan, Krstić Ivan: Lowpass filters approximation based on modified Jacobi polynomials – Electronics Letters, DOI: 10.1049/el.2016.3025, Online ISSN 1350. 2016.
https://www.growkudos.com/publications/10.1049%252Fel.2016.3025
6. Nikola Stojanović, Negovan Stamenković and Ivan Krstić: Lowpass filters approximation based on modified Jacobi polynomials, ELECTRONICS LETTERS 16th February 2017, Vol. 53 No. 3 pp.140-142.
http://digital-library.theiet.org/content/journals/10.1049/el.2016.3025
7. Stojanović Nikola, Stamenković Negovan, Živaljević Dragana: Monotonic, critical monotonic, and nearly monotonic low-pass filters designed by using the parity relation for Jacobi polynomials- International Journal of Circuit Theory and Applications, DOI: 10.1002/cta.2375, jul 2017
http://onlinelibrary.wiley.com/doi/10.1002/cta.2375/full
8. Nikola Stojanovic, Negovan Stamenkovic, Ivan Krstic: Chained-Function Filter Synthesis based on the Legendre Polynomials, Circuits Systems and Signal Processing, DOI 10.1007/s00034-017-0651-1
https://link.springer.com/article/10.1007/s00034-017-0651-1
9. Nikola Stojanović, Negovan Stamenković and Ivan Krstić: Lowpass filters approximation based on modified Jacobi polynomials, ELECTRONICS LETTERS 16th February 2017, Vol. 53 No. 4 pp.241-243.
http://digital-library.theiet.org/content/journals/10.1049/el.2016.3025

10 Negovan Stamenković, Nikola Stojanović,and Dragana Živaljević: Low-pass filters with almost-maximally flat passband and Chebyshev stopband attenuation, ELECTRONICS LETTERS, DOI 10.1049/el.2017.3390 Page(s): 1633 – 1634, Volume: 53, Issue: 25, 12 7 2017
11. Dragana Živaljević, Negovan Stamenković, Vidosav Stojanović: FIR Filter Implementation Based on the RNS with Diminished-1 Encoded Channel- International Journal of Advances in Telecommunications, Electrotechnics, Signals and Systems vol.2, No2 (2013), pp.51-55

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12. Negovan Stamenković, Vidosav Stojanović: On the design transitional Legendre-Butterworth filters - International Journal of Electronics Letters, Vol. 2, Issue 3, 2014. pp. 186-195.
http://www.tandfonline.com/doi/abs/10.1080/00207217.2014.894138?journalCode=tetl20#.VEfhzCKsWfU
13. Ivan Krstić, Negovan Stamenković, Milena Petrović and Vidosav Stojanović: Binary to RNS encoder with Modulo 2n+1 Channel in Diminished-1 Number System- IJCEM International Journal of Computational Engineering & Management, Vol. 17 Issue 3, May 2014 ISSN (Online): 2230-7893
pp.1-10.
www.IJCEM.org
14. Negovan Stamenković: Digital FIR Filter Architecture Based on the Residue Number System -Facta Univerzitalis Niš Ser. Elec. Energ. Vol. 22, no. 1, April 2009, pp. 125-140.
http://casopisi.junis.ni.ac.rs/index.php/FUElectEnerg/issue/archive
15. Negovan Stamenković and Bojan Jovanović: Reverse Convertor Design for the 4-Moduli Set $\{2^n-1,2^n,2^n+1,2^{2n+1}-1\}$ Based on the Mixed-Radix Conversion- Facta Univ. Ser.: Elec. Energ., vol. 24, No.1, April 2011, pp. 89-103.
http://casopisi.junis.ni.ac.rs/index.php/FUElectEnerg/issue/archive
16. Negovan Stamenković, Vladica Stojanović: Constant-Coefficient FIR Filters Based on Residue Number System Arithmetic 2^n+1- Serbijan Journal of Electrical Engineering Vol.9, No.3,Oktober 2012, pp. 325-342.
http://www.journal.ftn.kg.ac.rs
17. Negovan Stamenković, Dragana Živaljević, , Vidosav Stojanović: Scaling Function Based on Chinese Remainder Theorem Applied to a Recursive Filter Design- Serbian Journal of Electrical Engineering, 2014 Vol.11, No.3,Oktober 2014, pp. 365-377
http://www.journal.ftn.kg.ac.rs
18. V.Stojanović, N.Stamenković, N.Stojanović - Active RC Filter Based Implementation Analysis Part of Two Channel Hybrid Filter Bank Serbian Journal of Electrical Engineering, 2014 Vol.11, No.4, Decembar 2014, 565-584
http://www.journal.ftn.kg.ac.rs
19. Ivan Krstić, Negovan Stamenković, Vidosav Stojanović:Binary to RNS encoder for the moduli set {2(n-1), 2(n), 2(n+1)}-Facta Univerzitalis Niš Ser. Elec. Energ. Vol. 29, no. 1, March 2016, pp. 101 - 112 DOI: 10.2298/FUEE1601101K
http://www.doiserbia.nb.rs/img/doi/0353-3670/2016/0353-36701601101K.pdf
20. Nikola Stojanović, Negovan Stamenković: Lowpass filters approximation based on the orthogonal Jacobi polynomial - Facta Univerzitalis Niš Ser. Elec. Energ. Vol.30, no. 3. pp. 351 – 362, DOI: 10.2298/FUEE1703351S
http://casopisi.junis.ni.ac.rs/index.php/FUElectEnerg/article/view/1920

Naučni radovi saopšteni na skupovima međunarodnog značaja:

1. Negovan Stamenković, Vidosav Stojanović: Digital signal processing simulation based on the residue arithmetic- International Conference "Mathematical and Informational Technologies" *(VIII*

Conference "Computational and Informational Technologies for Science, Engineering and Education") MIT 2009 Kopaonik, August 27 – 31. pp. 392-38-99

2. Negovan Stamenković, Dragana Živaljević i dr. : Design of guadrature mirror filter bank using approximation in s-domain- 9-th International Conference on Applied Electromagnettics ΠΕС 2009, Niš pp. 111-113.

3. Dragana Živaljević, Negovan Stamenković i dr. : MAC architecture for FIR filter desing based on residue arithmetic- 12-th International Symposium on Electrical Apparatus and Technologies SIELA 2012 28-30 may 2012 Bulgarija.
4. Dragana Živaljević, Negovan Stamenković i dr. : Digital Filter Implementation Based on the RNS with Diminished-1 Encoded Channel- 35-th International Conference on Telecommunications and Signal Processing (TSP) held on Julu 3-4. 2012 in Prague, Czech Republic. pp. 662-667

5. Negovan Stamenković, Vidosav Stojanović: Prelazni Butterworth-Thiran digitalni filtri sa beskonačnim impulsnim odzivom- Telfor, Novembar 20-22. 2012, Beograd. pp. 780-782

6. Negovan Stamenković, Dragana Živaljević i dr. : The Use of Residue Number Systems in the desing of the Optimal All-pole IIR Digital Filters- 36-th International Conference on Telecommunications and Signal Processing (TSP) held on Julu 2-4. 2013 in Rpme, Italy. pp. 722-727

7. Dragana Živaljević, Negovan Stamenković i dr. : Realizations of prototype allpole filters nearly monotonic in the passband with LC ladder networks- 11-th International Conference on Applied Electromagnettics ΠΕС 2013, Niš pp. 125-127.

8. Negovan Stamenković, Dragana Živaljević i dr. : RNS scaler for three moduli set $\{2^n-1, 2^n, 2^n+1\}$ - 11-th International Conference on Applied Electromagnettics ΠΕС 2013, Niš pp. 127-129.

9. Negovan Stamenković, Dragana Živaljević i dr. : Diminished-One Modulo (2^n+1) Multiplier Design- International Conference "Mathematical and Informational Technologies" *(X Conference "Computational and Informational Technologies for Science, Engineering and Education")* MIT 2013. Vrnjacka Banja 5-9 septembar. pp. 671-676

10. Dragana Živaljević, Negovan Stamenković, Jeroslav Živanić: Sharp cutoff filters with monotonic pass-band response - 13-th International Symposium on Electrical Apparatus and Technologies SIELA 29-31 may 2014 Bulgarija.

11. Negovan Stamenković, Dragana Živaljević, *Ivan Krstić,* Vidosav Stojanović - The implementation of two channel IIR quadrature mirror filter bank based on residue arithmetic - 13-th International Symposium on Electrical Apparatus and Technologies SIELA 29-31 may 2014 Bulgarija.

12. Nikola Stojanovic, Dragisa Milovanovic, Vidosav Stojanovic and Negovan Stamenkovic- Design of two-channel analysis part of hybrid filter bank – X Inreranional Symposium on Industrial Electronics INDEL Banja Luku Novembar 2014. pp.175-180.

13. Dragana Živaljević, Nikola Stojanović, Negovan Stamenković. : Near perfect reconstruction two-channel iir qmf bank with group delay compensation filters 12-th International Conference on Applied Electromagnettics ΠΕС 2015, Niš pp. 77-79.

14. Dragana Živaljević, Nikola Stojanović, Negovan Stamenković, Sasa Ilić: Performance improving of quadrature filter bank using group deley - 19-th International Symposium on Electrical Apparatus and Technologies SIELA 29.05-01.06. 2016 Bulgarija pp:1-4. DOI: 10.1109/SIELA. 2016.7543069

15. Nikola Stojanović, Negovan Stamenković, Dragana Živaljević: Sensitivity analysis of time-continuous filter pairs realized using LCR resonators - 19-th International Symposium on Electrical Apparatus and Technologies SIELA 29.05-01.06. 2016 Bulgarija pp:1-4. DOI: 10.1109/SIELA. 2016.7543069

Прегледни научни рад у часопису националног значаја:

1. Negovan Stamenković, Vidosav Stojanović i dr. : Sinteza filtra sa konačnim impulsnim odzivom zasnovana na aritmetici ostataka – Telfor 2008, Beograd.

2. Negovan Stamenković, Vidosav Stojanović i dr. : Arhitektura digitalnih filtra zasnovana na aritmetici ostataka InfoTeh 2009, Jahorina.

3. Negovan Stamenković, Vidosav Stojanović: Dvokanalna banka komplementarnih IIR filtra sa kompenzacijom grupnog kašnjenja- Telfor 2009, Beograd.

4. Stamenković Negovan, Jovanović Bojan i dr. : Reverse Conversion for Residue Number System Realizations of Digital Signal Processing Hardware- Telfor 2010, Beograd.

5. Negovan Stamenković, Vidosav Stojanović: An Improved Residue to Binary Converter Based on Mixed-Radix Conversion for the Moduli Set $\{2^{2n+1}-1,2^{2n},2^{n}-1\}$ - Dogs-2010

6. Negovan Stamenković, Vidosav Stojanović: Digital Signal Processing Based on the Residue Arithmetic- Dogs-2012, Oktobar 2012, Kovacica.

Реализован национални научни пројекат у својству сарадника на пројекту:

Naziv projekta:
Rekonfigurabilne visoko pouzdane platforme male snage
Br. 32009. MPRS
Rukovodilac projekta prof. Dr Mile Stojčev redovni profesor Elektronskog fakulteta u Nišu

г) Образовна дјелатност

Образовна дјелатност

Други облици међународне сарадње (конференције, скупови, радионице, едукација у иностранству)

д) Стручна дјелатност кандидата:

Остале професионалне активности на Универзитету и ван Универзитета које доприносе повећању угледа Универзитета