Address: Department of mathematics, University of Sarajevo, Bosnia and Herzegovina.

Tel: +387-33-279-888

Email address: nacima.o@gmail.com

Professional Experience

2015– Present

Associate professor, Department of mathematics, University of Sarajevo, Bosnia and Herzegovina.

2010 - 2015

Assistant professor , Department of mathematics, University of Sarajevo, Bosnia and Herzegovina.

2010-2015

Supervision of three master theses.

2007-2010

Senior Lecturer, Department of mathematics, University of Sarajevo, Bosnia and Herzegovina.

Education and qualifications

2006-2010 Phd thesis in pure mathematics (Harmonic analysis)

Department of mathematics, University of Sarajevo, Bosnia and Herzegovina.

2003-2006 Master thesis in pure mathematics (Harmonic analysis)

Department of mathematics, University of Sarajevo, Bosnia and Herzegovina.

1993-1999 Diploma of higer studies in mathematics, option analysis, University of Sciences and Technology Houari Boumediene, Algeria

Communications in conferences and seminars

1. Memić Nacima, Topics on Norlund logarithmic means, Conference: 6th Workshop on Fourier Analysis and Related Fields, August 24-31, 2017, Hungary.

2. Nacima Memić, Integrability of the maximal function of Fejer kernel, Conference on Dyadic Analysis and Related Fields with Applications (DARFA14)_, Nyiregyhaza, Hungary, June 1-6, 2014
3. Nacima Memić, Topics on some bounded operators, Dyadic Analysis and Applications, Nyíregyháza, Hungary, October 1st-2nd, 2013
4. Nacima Memić, Pointwise convergence of Fourier series, Theory of the Walsh system and related areas, Nyíregyháza, Hungary, October 4, 2013
5. Nacima Memić and Samra Pirić, On the V-conjugation operator on Hardy spaces, MASSEE INTERNATIONAL CONGRESS ON MATHEMATICS Micom 2012, Sarajevo, 19.09. - 23.09.2012 .
6. M. Avdispahić and N. Memić, Fourier multipliers on totally disconnected groups, International Congress of Mathematicians ICM 2010, Hyderabad, August 19-27, 2010.
7. M. Avdispahić and N. Memić, Differentiation on local fields, International Congress of Mathematicians ICM 2010, Hyderabad, August 19-27, 2010 .
8. Nacima Memić, Topics on unbounded Vilenkin groups, MASSEE INTERNATIONAL CONGRESS ON MATHEMATICS Micom 2009, Ohrid, 16.09. - 20.09.2009.
9. Nacima Memić, Multiplicative systems on ultra-metric spaces, MASSEE INTERNATIONAL CONGRESS ON MATHEMATICS Micom 2009, Ohrid, 16.09. - 20.09.2009.
10. Nacima Memić, On the characterization of p-adic Egorov type mnemofunctions by their point values, Fourth Croatian Mathematical Congress CroMC2008, Osijek, June 17-20, 2008

Publications

1. Nacima Memić, Mahler coefficients of 1-Lipschitz measure-preserving functions on Zp, accepted for publication in IJNT
2. Nacima Memić and Samra Sadiković, Maximal Operators and Characterization of Hardy Spaces, *Analysis Mathematica* 46 (2020), 119–131
3. Memić, Nacima; Muminović Huremović, Jasmina Ergodic Uniformly Differentiable Functions Modulo p on Zp. *p-Adic Numbers Ultrametric Anal. Appl.* 12 (2020), no. 1, 49–59.
4. Milad Moazami Goodarzi, Mahdi Hormozi and Nacima Memić, Embedding of generalized Wiener classes into Lipschitz spaces, Math. Inequal. Appl 22 (2019), no. 1, 291–296.
5. Nacima Memić, On some compatible functions on the set of 3-adic integers, Colloq. Math. (Accepted for publication)

6. Nacima Memić, Amil Pečenković, Difference operator and derivative on the dyadic field, AMAPN, 34(1),. (Accepted for publication)

7. Memić Nacima, Sets of Minimality of (1 − 1)-Rational Functions**,** . *p-Adic Numbers Ultrametric Anal. Appl.* 10 (2018), no. 3, 209–221.

8. Memić Nacima, Šabanac Zenan, On Perturbed Monomials on 2-adic Spheres Around 1, Filomat 31:15 (2017), 4905–4913.

9. Memić, Nacima Ergodic polynomials on 2-adic spheres. *Bull. Pol. Acad. Sci. Math.* 65 (2017), no. 1, 35–44.

10. Memić, Nacima Characterization of ergodic rational functions on the set of 2-adic units. *Int. J. Number Theory* 13 (2017), no. 5, 1119–1128.

11. Memić, Nacima Almost everywhere convergence of some subsequences of Fejér means for integrable functions on some unbounded Vilenkin groups. *Math. Slovaca* 67 (2017), no. 1,179–190.

12. Memić, Nacima Ergodicity conditions on the group of 3-adic integers. *Colloq. Math.* 147 (2017), no. 1, 67–75.

13. Moazami Goodarzi Milad; Hormozi Mahdi; Memić Nacima Relations between Schramm spaces and generalized Wiener classes. *J. Math. Anal. Appl.* 450 (2017), no. 1, 829–838.

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16. Memić, Nacima Ergodic products and powers on compact subsets of the p-adic field. *Bull. Pol. Acad. Sci. Math.* 64 (2016), no. 1, 47–53.

17. Memić, Nacima. Ergodic polynomials on subsets of p-adic integers. *p-Adic Numbers Ultrametric Anal. Appl.* 8 (2016), no. 2, 149–159

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20. Nacima Memić, Almost everywhere convergence of Fejer means of some subsequences of Fourier series for integrable functions with respect to the Kaczmarz system, Advances in Mathematics: Scienti c Journal 4 (2015), no.1, 65 77 ISSN 1857-8365.

21. Memić Nacima, On the divergence of Norlund logarithmic means with respect to the L1 norm on some unbounded Vilenkin groups, Facta Univ. Ser. Math. Inform. 29 (2014), no. 3, 271–279.

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