

Nimete Berisha

Curriculum Vitae

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Date of birth:

February 3, 1969

Place of birth:

Gjilan, Kosovo



Education

- 2009–2013 **PhD of Mathematical Sciences**, *Faculty of Mathematics and Sciences*, University of Prishtina.
PhD studies
- 2002–2008 **Master of Mathematical Sciences**, *University of Prishtina*, Prishtina, *Average grade: 9.0 (out of 10.0)*.
Postgraduate studies (Approximation theory)
- 1987–1992 **Profesor of mathematics**, *University of Prishtina*, Prishtina.
Basic studies (mathematics)

PhD Thesis

- title *Approximating by algebraical polynomials of some classes of functions defined by operators of differentiation*
- description Theorems of coincidence of classes defined by operators of differentiation or a generalised modulus of smoothness are proved in the paper. A converse to Jackson type theorem is also proved for a generalised modulus of smoothness.

Experience

Vocational

- 2018–... **Associate Professor**, *Faculty of Economics*, University of Prishtina.
Modules: Mathematics, Statistics, Financial mathematics.
- 2013–2018 **Assistant Professor**, *Faculty of Economics*, University of Prishtina.
Modules: Mathematics, Financial mathematics.
- 2017–2018 **Visiting professor**, *Faculty of Computer Science*, University of Gjilan.
Modules: Statistics, Computer security
- 2015–2016 **Visiting Professor**, *State University of Tetovo*, Tetovo, Macedonia.
Modules: Mathematics, Financial mathematics.
- 2010–2013 **Teaching Asistant**, *Faculty of Economics*, University of Prishtina, Part time, module: Mathematics.
- 2003–2012 **Teaching Asistant**, *Faculty of Education*, University of Prishtina, Part time, courses: Fundamentals of computer science, Introduction to computers.
- 2006–2013 **Teaching Asistant**, *College "Business"*, Prishtina, Part time, modules: Business mathematics, Mathematics, Elementary mathematics, Database management.

- 1992–2013 **Profesor of secondary school**, *Secondary School “Sami Frashëri”*, Prishtina.
Modules: Mathematical analysis and probability, Mathematics.
- 2004–2009 **Teaching Asistant**, *College “Tempulli”*, Prishtina, Part time, modules: Informatics I, II.

Languages

Albanian	Excellent: writing, speaking	<i>Mother tongue</i>
English	Very good: writing, speaking	
Croatian	Excellent: writing, speaking	

Computer skills

Databases and WWW	MySQL, PhP, Apache, OpenOffice.org Base, MS Access	CAS	Mathematica, Maxima, MathLab, MathCad
text processing	LaTeX, beamer, OpenOffice.org Impress	Spreadsheets	OpenOffice.org Calc, MS Excel, Mega-Stat
Computer programming	Java	Computer graphics	Adobe Photoshop

Interests

Theory of approximations	Approximation by algebraic polynomials
Fourier analysis	Estimating Fourier coefficients
Computer science	Applied informatics

Hobbies

- Computer
- Jogging
- Travelling

References

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- N. Sh. Berisha, F. M. Berisha, M. K. Potapov, and M. Dema. On approximations by trigonometric polynomials of classes of functions defined by moduli of smoothness. *Abstr. Appl. Anal.*, 2017:Art. ID 9323181, 11, 2017.
- M. K. Potapov, F. M. Berisha, N. Sh. Berisha, and R. Kadriu. Some reverse l_p -type inequalities involving certain quasi monotone sequences. *Math. Inequal. Appl.*, 18(4):1245–1252, 2015.
- L. Sadiku, N. Sh. Berisha, and M. Sadiku. Empirical analysis of the shadow economy of South East European countries. In *EU crisis and the role of the periphery*, volume

Part I of *Contributions to Economics*, pages 41–56. Springer International Publishing Switzerland, 2015.

M. Sadiku, L. Sadiku, and N. Berisha. The financial crisis in Greece and its impacts on Western Balkan countries. In *Economic Crisis in Europe and the Balkans*, volume Part I of *Contributions to Economics*, pages 27–38. Springer International Publishing Switzerland, 2014.

N. Sh. Berisha. Theorem of coincidence of classes for a generalised shift operator. *Int. J. Math. Anal. (Ruse)*, 7(1):1–8, 2013.

F. M. Berisha and N. Sh. Berisha. Approximating classes of functions defined by a generalised modulus of smoothness. *Mathematical Sciences And Applications E-Notes (MSAEN)*, 1(2):84–89, 2013.

N. Sh. Berisha and F. M. Berisha. Approximating classes of functions defined by operators of differentiation or operators of generalised translation by means of algebraic polynomials. *Int. J. Math. Anal. (Ruse)*, 6(55):2709–2729, 2012.

F. M. Berisha, N. Sh. Berisha, and M. Sadiku. On some l_p -type inequalities involving quasi monotone and quasi lacunary sequences. In *Book of abstracts*, page 67, The Eighth Congress of Romanian Mathematicians, Iasi, Romania, 2015.

F. M. Berisha, M. Sadiku, and N. Sh. Berisha. Using an euler type transform for accelerating convergence of series. In *Book of abstracts*, page 30, 6th International Conference on Numerical Analysis (NumAn2014), Chania, Greece, 2014.

F. M. Berisha, M. Sadiku, and N. Sh. Berisha. On a method of accelerating convergence of series and its algorithm analysis. In *Book of abstracts*, page 152, 1st International Western Balkans Conference of Mathematical Sciences (IWBCMS), Elbasan, Albania, 2013.

L. Sadiku, N. Berisha, and M. Sadiku. Empirical analysis of the shadow economy of South East European countries. In *Book of abstracts*, page 43, 5th International Conference: The Economies of Balkan and Eastern Europe in the Changed World, EBEEC 2013, Istanbul, Turkey, 2013.

F. M. Berisha and N. Sh. Berisha. Approximating classes of functions defined by a generalised modulus of smoothness. In *Proceeding book*, page 54, 1st International Eurasian Conference on Mathematics Sciences and Applications (IECMSA), Prishtinë, Kosovo, 2012.

M. Sadiku, L. Sadiku, and N. Sh. Berisha. The financial crisis in greece and its impacts on western balkan countries. In *Book of abstracts*, page 31, 4th International Conference: The Economies of Balkan and Eastern Europe in the Changed World, EBEEC 2012 Sofia, Bulgaria, 2012.

V. Berisha, N. Berisha, and Xh. Krasniqi. Equivalence of Peetre type K -functional with a generalised modulus of smoothness. *Kërkime ASHAK*, 16:167–178, 2008.

R. Kadriu and N. Sh. Berisha. *Matematika në biznes – Përmbledhje detyrash*. Kolegji Universitar "Biznesi", Prishtinë, 2012.

M. Q. Berisha, R. Kadriu, and N. Sh. Berisha. *Matematika elementare*. Kolegji Universitar "Biznesi", Prishtinë, 2010.