



Murat Sadiku



Faculty : **Business and Economics**
Position : **Associate Professor**

Personal data

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Languages

- **Albanian**, Native
- **Macedonian**, C2 - Proficient
- **Serbian**, C2 - Proficient
- **Croatian**, C1 - Advanced
- **English**, B1 - Intermediate

Education

- **Feb 2008 - Jun 2010: PhD of Computer Sciences and Applied Mathematics**
Faculty: Contemporary Sciences and Technologies
South East European University, Tetove, Republic of Macedonia
Specialty: Real Analysis and Numerical Analysis
Thesis: "Algorithms for Accelerating Convergence of Series by Means of Euler Type Operators"
- **Oct 1997 - Jun 2001: Master of Mathematical Sciences**
Faculty: Natural Sciences and Mathematics
University of Prishtina, Prishtina, Republic of Kosovo
Specialty: Real Analysis and Numerical Analysis
Thesis: "Applying Transformations for Accelerating the Convergence of Polynomial and Trigonometric Series"
- **Oct 1987 - Jun 1992: Professor of Mathematics**
Faculty: Natural Sciences and Mathematics
University of Prishtina, Prishtina, Republic of Kosovo
Specialty: Theoretical Mathematics

Publications

- F.Berisha, M.Sadiku, N.Berisha. **On a Method of Accelerating Convergence of Series and its Algorithm Analysis**. In *International Journal of Natural Sciences*. Applied Mathematics & Information Sciences - Forthcoming, USA, 12 / 2017.
- M.Sadiku, L.Sadiku, N.Berisha. **An emperical study on the quality of teaching and learning mathematics**. In *International Scientific Conference Mathematics & IT: Research and Education MITRE-2015*. Faculty of Mathematics and Computer Science, State University of Moldova , Chisinau, Moldova, 7 / 2015.
- Murat Sadiku. **Algorithms for Accelerating Convergence of Power Series by means of Euler Type**

- Operators** . In *The Eighth Congress of Romanian Mathematicians*. The Romanian Mathematical Society Simion Stoilow Institute of Mathematics of the Romanian Academy, Iasi, Romania, 6 / 2015.
- F.Berisha, N.Berisha, M.Sadiku. **On some I_p -type inequalities involving quasi monotone and quasi lacunary sequences**. In *THE EIGHTH CONGRESS OF ROMANIAN MATHEMATICIANS*. Section of Mathematical Sciences of the Romanian Academy, Iasi, Romania, 6 / 2015.
 - L.Sadiku, M.Fetai and M.Sadiku. **DYNAMIC RELATION OF TRADE OPENNESS AND ECONOMIC GROWTH: A COMPARATIVE EMPIRICAL INVESTIGATION BETWEEN CENTRAL AND EASTERN EUROPEAN COUNTRIES AND EU 17**. In *Smartinno presents the 7th International Scientific Conference by "Juraj Dobrila" University of Pula* . Pula, Croatia, 5 / 2015.
 - L.Sadiku, M.Fetai, M.Sadiku, N.Berisha. **The Persistence of Current Account Deficits of FYR of Macedonia**. In *The Economies of Balkan and Eastern Europe Countries in the changed World*. Elsevier, 5 / 2015.
 - M. Sadiku, A. Ibraimi, L. Sadiku. **Econometric Estimation on the Relationship Between Unemployment Rate and Economic Growth in FYR Of Macedonia**. In *6th International Conference the Economies of Balkan and Eastern Europe Countries in the changed World, EBEEC 2014*. Procedia Economics and Finance by Elsevier, 4 / 2015. ISBN 2212-5671.
 - F. Berisha, M. Sadiku, N. Berisha. **Using an Euler type transform for accelerating convergence of series**. In *Book of Abstracts of the 6th International Conference on Numerical Analysis, NumAn 2014*, pp. 30. Crete, Greece, 9 / 2014.
 - L.Sadiku, N.Berisha, M.Sadiku. **Empirical Analysis of the Shadow Economy of South East European Countries**. In *Contribution to Economics*, pp. 41-56. Springer International Publishing - Heidelberg, 9 / 2014. ISBN 978-3-319-10133-0 .
 - Murat Sadiku. **Asymptotic cases of generalized transformation of trigonometric series by means of a modified Euler type operator**. In *Book of Abstracts of 25-th International Conference on Operator Theory*. Institut of Mathematics "Simion Stoilow" of the Romanian Academy, Timisoara, Romania , 6 / 2014.
 - M.Sadiku, F.Saliu, L.Sadiku. **An Empirical Analysis of the Exchange Rate Regime in the Republic of Macedonia** . In *International Journal of Academic Research in Economics and Management Sciences, Volume 2, Issue 6*, pp. 135-149. Human Resource Management Academic Research Society, Reading, Berkshire, United Kingdom (UK), 11 / 2013. ISBN 2226-3624.
 - Murat Sadiku, Luljeta Sadiku, Nimete Berisha. **The Financial Crisis in Greece and Its Impacts on Western Balkan Countries**. In *Economic Crisis in Europe and the Balkans*, pp. 27 - 38. Springer International Publishing , Switzerland, 7 / 2013. ISBN 978-3-319-00494-5.
 - F.Berisha, M.Sadiku, N.Berisha. **On a Method of Accelerating Convergence of Series and its Algorithm Analysis**. In *International Western Balkans Conference of Mathematical Sciences*. IWBCMS - 2013, Elbasan, Albania, 6 / 2013.
 - L. Sadiku, N. Berisha, M. Sadiku. **Empirical Analysis of the Shadow Economy of South East European Countries**. In *International Conference*. EBEEC - 2013, Istanbul, Turkey, 5 / 2013.
 - A.Jusufi, M.Sadiku, K.Filipi. **The Upper Nilradical Connected with a Right Ideal in the Ring $(\mathbb{Z}[\sqrt{3}], +, \cdot)$** . In *International Journal - SEEU Review, Volume 8, Issue 2*, pp. 44 - 56. VERSITA, Berlin, Germany, 3 / 2013. ISBN 1409-7001.
 - Murat Sadiku. **Accelerating Convergence of Trigonometric Series by Means of Euler Type Operators**. In *Proceedings of the 13th International Conference on Mathematics and its Applications*, pp. 125 - 130 . Department of Mathematics, "Politehnica" University of Timisoara, Timisoara, Romania, 11 / 2012. ISBN 1224-6069.
 - Murat Sadiku, Luljeta Sadiku, Nimete Berisha. **The Financial Crisis in Greece and Its Impacts on Western Balkan Countries**. In *International Conference* . EBEEC - 2012, Sofia, Bulgaria, 5 / 2012.
 - Murat Sadiku, Luljeta Sadiku. **An Econometric Model for Estimating the Shadow Economy in the Republic**

- of Macedonia.** In *the Sixth International Annual Meeting of ALB-Science*. Instituti ALB - Shkenca, Prishtina, Republic of Kosovo, 9 / 2011.
- S.Xhaferi, L.Sadiku, M.Sadiku. **Models for Credit Risk Assessment with Regard to the Financial Market of Macedonia.** In *Proceedings of the 7th Research/Expert Conference with International Participation "Quality 2011"*, pp. 417-424. Quality 2011, Neum, Bosnia and Herzegovina, 6 / 2011. ISBN 1512-9268.
 - Murat Sadiku. **The Mathematics Genealogy Project** . In *Department of Mathematics, in association with the American Mathematical Society*. American Mathematical Society, North Dakota State University, 12 / 2010.
 - Murat Sadiku. **On an Euler Type Transform of Numeric Series.** In *SEEU Review*, pp. 09 - 17. SEEU Review, Vol.6, Nr.1, South East European University, 7 / 2010. ISBN 1409-7001 .
 - Murat Sadiku. **Matematika elementare** . In *Library of SEE University*, pp. 01- 230. SEE University, Tetovo, Republic of Macedonia, 6 / 2010.
 - N.Celakoski, N.Ivanovski, M.Sadiku et al.. **State Comision of Mathematics in project "State Matura" in Relublic of Macedonia.** In *Department of Education and Development*, pp. 01-150. Ministry of Education and Sciences, Skopje, Republic of Macedonia, 11 / 2008.
 - F.M.Berisha, M.Sadiku. **On an Euler-Abel Type Transform of Trigonometric Series.** In *Proceedings of the IV Congress of the Mathematicians of Republic of Macedonia* . Struga, Republic of Macedonia, 10 / 2008.
 - F.M.Berisha, M.Sadiku. **On An Euler Type Transform Operator.** In *Academy of Sciences and Arts of Kosovo, Kërkime nr.9 (2001)*, pp. 117-124. Prishtina, Republic of Kosovo, 6 / 2001.

Work Experience

- **Nov 2015 - Present : Associate Professor**
Faculty of Business and Economics, South East European University, Totovo, Macedonia
Type of business or sector: Education and Research
Main responsibilities: Business Mathematics, Business Calculus, Applied Statistics, Master Thesis
- **Mar 2016 - Present : Visiting Professor**
College DARDANIA, Prishtine, Kosovo
Type of business or sector: Education and Research
Main responsibilities: Intoduction to Informatics
- **Oct 2011 - Sep 2016: Visiting Professor**
Department of Mathematics, State University of Tetovo, Macedonia
Type of business or sector: Education and Research
Main responsibilities: Calculus I, II, III and IV, Ordinary differential equations
- **Sep 2008 - Dec 2015: Member of the Central Team for Evaluation of the Teaching Quality in SEE University**
South East European Universtiy, Tetovo, Macedonia
Type of business or sector: Education and Research
Main responsibilities: Evaluation of Teaching Quality of the Academic Staff
- **Nov 2010 - Nov 2015: Assistant Professor**
Faculty of Business and Economics, South East European University, Tetovo, Macedonia
Type of business or sector: Education and Research
Main responsibilities: Business Mathematics, Business Calculus, Applied Statistics, Master Thesis
- **Oct 2014 - Jan 2015: Visiting Professor**
European College of Kosovo, Prishtina
Type of business or sector: Education and Research
Main responsibilities: Business Mathematics

- **Sep 2008 - Dec 2010: Vice-Dean for Undergraduate studies**
 Faculty of Business and Economics, South East European University, Tetovo, Macedonia
Type of business or sector: Education and Research
- **Feb 2002 - Nov 2010: Assistant Lecturer of Business Mathematics and Business Calculus**
 Faculty of Business and Economics, South East European University, Tetovo, Macedonia
Type of business or sector: Education and Research
Main responsibilities: Mathematics, Business Mathematics, Business Calculus, Applied Statistics, Quantitative Methods for Business
- **Oct 2006 - Jun 2008: Member of State Commission of Mathematics**
 Ministry of Educations and Sciences of Macedonia, Skopje, Macedonia
Type of business or sector: Education
Main responsibilities: Project of "State Matura"
- **Sep 2005 - Sep 2006: Visiting Professor**
 Department of Economics, FON University, Skopje, Macedonia
Type of business or sector: Education and Research
Main responsibilities: Business Mathematics, Business Statistics
- **Sep 1999 - Jan 2002: Lecturer of Mathematics for Economics**
 Faculty of Economics, State University of Tetovo, Tetovo, Macedonia
Type of business or sector: Education and Research
Main responsibilities: Mathematics for Economics
- **Sep 1997 - Aug 1999: Assistant in the Field of Mathematics**
 Department of Mathematics, State University of Tetovo, Tetovo, Macedonia
Type of business or sector: Education and Research
Main responsibilities: Complex Analyses , Linear Algebra
- **Sep 1993 - Aug 1997: Teacher of Mathematics**
 High School "Mirko Maleski", Kicevo, Republic of Macedonia
Type of business or sector: Education
Main responsibilities: Lectures and Practice in Mathematics
- **Sep 1991 - Aug 1993: Teacher of Mathematics**
 High School "Sami Frashëri", Prishtina, Republic of Kosovo
Type of business or sector: Education
Main responsibilities: Lectures and Practice in Calculus