Živorad Tomovski

Curriculum Vitae

Date and place of birth: 08. 06. 1968 in Tetovo, Republic of Macedonia

Citizenship/nationality: Macedonian
Marital Status: married, two children

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Current position: Full Professor (Permanent Position)

Education - degrees awarded:

(**1992**) Diplom (B. Sc.) in Mathematics, Faculty of Natural Sciences and Mathematics, Institute of Mathematics, "Sv. Kiril i Metodij" University, Skopje, Republc of Macedonia

(**1997**) Master of Science (M. Sc.) in Mathematics, "Sv. Kiril i Metodij" University, Skopje, Republic of Macedonia

(July 7, **2000**)   Doctor of Science (D.Sc.) in Mathematics, "Sv. Kiril i Metodij" University, Skopje, Republic of Macedonia

Title of the Master Thesis: Some Classes of L^1 – Convergence of Fourier and Fourier-Stiltjes Series

Title of the Doctoral Dissertation: Convergence and Integrability on Some Classes of Trigonometric Series

Professional Experience:

(**1993-1995**)   Young Teacher Assistant: Department of Mathematics, Faculty of Electrical Engineering, "Sv. Kiril i Metodij" University, Skopje, Republc of Macedonia.

(**1995-1998**)   Young Teacher Assistant: Institute of Mathematics, Faculty of Natural Sciences and Mathematics, "Sv. Kiril i Metodij" University, Skopje, Republc of Macedonia.

(**1998-2001**)   Teacher Assistant: Institute of Mathematics, Faculty of Natural Sciences and Mathematics, "Sv. Kiril i Metodij" University, Skopje, Republc of Macedonia.

(**2001-2005**)   Assistant Professor, Institute of Mathematics, Faculty of Natural Sciences and Mathematics, "Sv. Kiril i Metodij" University, Skopje, Republc of Macedonia.

(**2005-6 April 2009**) Associate Professor, Institute of Mathematics, Faculty of Natural Sciences and Mathematics, "Sv. Kiril i Metodij" University, Skopje, Republc of Macedonia.

(**7 April 2010-**) Full Professor, (Permanent Position) - Institute of Mathematics, Faculty of Natural Sciences

and Mathematics, "Sv. Kiril i Metodij" University, Skopje, Republc of Macedonia.

(2007-2011) Head of the Department of Analysis at the Institute of Mathematics.

Teaching experience as a teacher assistant:

- *Calculus 1, Calculus 2* (Department of Mathematics, Faculty of Electrical Engineering, Skopje)
- *Calculus 3* (Institute of Physics, Faculty of Natural Sciences and Mathematics, Skopje)
- *Ordinary Differential Equations* (Institute of Mathematics, Faculty of Natural Sciences and Mathematics, Skopje)
- *Mathematical Analysis 1* (Institute of Informatics, Faculty of Natural Sciences and Mathematics, Skopje)
- *Selected parts of Differential Equations and Complex Functions* (Faculty of Natural Sciences and Mathematics, Skopje)

Teaching experience as assistant, associate and full professor:

- *Selected parts of Differential Equations and Complex Functions*, (Faculty of Natural Sciences and Mathematics, Skopje)
- *Mathematical Analysis 1, Mathematical Analysis 2, Calculus 3,* (Institute of Physics, Faculty of Natural Sciences and Mathematics, Skopje)
- *Partial and Integral Equations,* (Institute of Mathematics, Faculty of Natural Sciences and Mathematics, Skopje)
- *Calculus,* (Institute of Chemistry, Faculty of Natural Sciences and Mathematics, Skopje)
- *Probability* (Institute of Mathematics, Faculty of Natural Sciences and Mathematics, Skopje)
- *Differential and Integral Equations for Master Study in Physics,* (Institute of Physics, Faculty of Natural Sciences and Mathematics, Skopje)
- *Probability Theory for Postgraduate studies in Mathematics,* (Institute of Mathematics, Faculty of Natural Sciences and Mathematics, Skopje)

Professional visits & study tours:

- **(1999: 5 months)**   Department of Mathematical Analysis, University of People's Friendship, Moscow, Russia
- **(2000: 1 month)**   Steklov Mathematical Institute- RAS, Moscow, Russia
- **(2002: 1 month)**   Steklov Mathematical Institute- RAS, Moscow, Russia

- **(2002: 1 month)**   Institute of Mathematics, Jagelonian University, Cracow, Poland.
- **(2005/06: 2 months)** Faculty of Electrical Engineering and Computing, University of Zagreb, Croatia
- **(2007: 1-2 months)** Institute for Computational Physics, University of Stuttgart, Germany
- **(2008: 3 months)**   Institute for Computational Physics, University of Stuttgart, Germany
- **(2010: 1 week)**   Institute of Mathematics, University of Vienna, Austria

Research fellowships awarded:

(1999: 5 months) "Research Fellowship" granted from Ministry of Education and sciences of Russia

(2002: 1 month) "Postdoctoral Research Fellowship" granted from Jagelonian University, Cracow, Poland

(2005/06: 2 months) "Research Fellowship" granted from Ministry of Education, Sciences and Sports of Croatia

(2008: 3 months) "Postdoctoral Research Fellowship" granted from DAAD Foundation-Germany

Professional membership:

(1999-) Member of the Research Group in Mathematical Inequalities &Applications, Melbourne, Australia

(2008-) Member of the Humboldt and DAAD Club-Macedonia

Leadership in Research projects:

- **(2001-2004)** Fourier Analysis and Applications (supported by Ministry of sciences of Macedonia)

- **(2006-2009)** Nontrigonometric Fourier Analysis, Special and Orthogonal Functions and Applications (supported by Ministry of Education and Sciences of Macedonia)

- **(2006-2008)** Fractional Calculus, Higher Transcedential Functions and Applications (Bilaterial Project supported by Ministry of Education and Sciences of Macedonia and Ministry of Sciences and Sport of Croatia)

- **(2008: 3 months)** Fractional and Operational Calculus with Mittag-Leffler type functions (supported by DAAD Foundation-Germany)

Invited referee for the following scientific journals:

- Mathematical Reviews;
- Mathematical Inequalities & Applications;
- Journal of Inequalities in Pure and Applied Mathematics;
- Mathematical and Computer Modelling;
- Tamkang Journal of Mathematics;
- Matematicki Bilten;
- Applied Mathematics Letter;
- International Journal of Mathematics and Mathematical Sciences;
- Computers and Mathematics with Applications;
- Journal of Inequalities and Applications;
- Journal of Mathematical Inequalities;
- Mathematica Macedonica;
- Makedon. Akad. Nauk. Umet. Oddel. Mat.-Tehn. Nauk. Prilozi (Contributions)

Other Editorial and Conference Activities

- Member of the Editorial Board of the journal „ Mathematica Macedonica"
- Member of the Editorial Board of the journal „Advances in Applied Mathematical Analysis"
- Guest Editor of God. Zb. Inst. Mat. Prir.-Mat. Fak. Univ. Kiril Matodij- Skopje, Vol. 41(2008), dedicated to the 85-th birthday of Professor Blagoj S. Popov
- Member of the Organizing Committee of the Mathematical Conference: 85 YEARS OF PROFESSOR BLAGOJ POPOV LIFE-Ohrid 2008 (4-7 September 2008)
- Member of the International Program Committee of „Symposium on Fractional Signals and Systems"-Lisbon 2009 (4-6 November 2009) URL:https://www.fct.unl.pt/fss09

Fields of Interests:

- Approximation Theory   (see for example: **B10, B21, B25, B42, C2**, in the list of publications)

- Fourier (trigonometric and nontrigonometric) Analysis (see for example: **B1, B3, B6, B7, B9, B12, B17, B20, B22, B27, B28, B33, B36, B40** in the list of publications)
- Analytic Inequalities (see for example: **B4, B8, B15, B18, B 45, B50, B55, B59** in the list of publications)
- Special and Higher Transcedential Functions (see for example: **B23, B37, B44** in the list of publications)
- Fractional Calculus (see for example: **B39, B43, B46, B56, B57, B58, B 60** in the list of publications)
- Integral Representations and Transforms (see for example: **B38, B41, B49, B52, B53, B62** in the list of publications)
- Fractional Models in Physics and Physical Chemistry (see for example: **B51, B54, B58, B 63, B64, C5** in the list of publications)