


Nasser Aghazadeh

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Education

- July 31, 2007 **Doctor of Philosophy: Applied Mathematics**, *Iran University of Science and Technology, Tehran, Iran*
- Nov 29, 2000 **Master of Science: Applied Mathematics**, *Iran University of Science and Technology, Tehran, Iran*
- Sep 13, 1998 **Bachelor of Science: Applied Mathematics**, *University of Tabriz, Tabriz, Iran*

Current Research Interests

My research focuses on the following topics:

- Wavelet analysis and its applications
- Numerical solution of differential equations
- Mathematics for real-world applications
- Mathematical image processing, in particular, image segmentation, edge detection, image restoration, medical image processing

Professional Experiences

- Nov 06, 2023 – present **Member**, *Department of Computational Science and Engineering, Izmir Institute of Technology, Izmir, Türkiye*
- Feb 16, 2023 – present **Associate Professor**, *Department of Mathematics, Izmir Institute of Technology, Izmir, Türkiye*
- Sep 18, 2022 – Feb. 15, 2023 **Visiting Professor**, *Department of Mathematics, Izmir Institute of Technology, Izmir, Türkiye*
- Feb 3, 20 – June 21, 21 **Head of Education Department**, *Azərbaycan Şahid Mədani University, Tabriz, Iran*
- Aug 11, 18 – April 07, 20 **Head of Department**, *Department of Mathematics, Azərbaycan Şahid Mədani University, Tabriz, Iran*

- Feb 5, 2018 – **Professor**, *Azarbaijan Shahid Madani University, Tabriz, Iran*
Present
- Dec 09, 18 – **Member of Board of Auditors**, *Azarbaijan Shahid Madani University, Tabriz, Iran*
Mar 20, 21
- Dec 10, 2016 – **Visiting Professor**, *Technische Universität Berlin, Berlin 10623, Germany*
– Dec 10, 2017
- Oct 2014 – **Vice-Chancellor of Administrative Staff and Financial Affairs**, *Azarbaijan Shahid Madani University, Tabriz, Iran*
May 2016
- Jan 2014 – **Founder and Head of the Image Processing Laboratory**, *Department of Mathematics, Azarbaijan Shahid Madani University, Tabriz, Iran*
present
- Jan 2014 – **Dean of Faculty of Basic Sciences**, *Azarbaijan Shahid Madani University, Tabriz, Iran*
Oct 2014
- Feb 5, 2013 – **Member of Specialized Commission of the Board of Auditors**, *Mathematics and Physics sections, Azarbaijan Shahid Madani University, Tabriz, Iran*
Feb 4, 2018
- Feb 5, 2013 – **Associate Professor**, *Azarbaijan Shahid Madani University, Tabriz, Iran*
Feb 4, 2018
- Nov 2011 – **Head of Research Department**, *Azarbaijan Shahid Madani University, Tabriz, Iran*
Jan 2014
- Nov 2010 – **Head of Industrial Relations Department**, *Azarbaijan Shahid Madani University, Tabriz, Iran*
Nov 2011
- Nov 2010 – **Co-Head of Department of Mathematics**, *Azarbaijan Shahid Madani University, Tabriz, Iran*
Jan 2011
- 2007 – **Member of National Arbitration Committee**, *Kharazmi Festival, Tehran, Iran*
- Aug 2007 – **Assistant Professor**, *Azarbaijan Shahid Madani University, Tabriz, Iran*
Feb 2013
- 2007 - 2013 – **Local Representative**, *Iranian Mathematical Society, Azarbaijan Shahid Madani University, Tabriz, Iran*

Skills

Softwares **Mathematica, MATLAB, LaTeX**

Supervised PhD Students

#13, completed (2015 - 2024)

#7, ongoing

Supervised Master Students

#45, completed (2009 - 2024)

#1, ongoing

PhD Dissertation Examination

#23, completed (2011 - 2023)

Verified Reviews

According to the Web of Science™, I have 157 verified peer reviews at the journals indexing in Web of Science™.

Courses taught

- 2023-present **Izmir Institute of Technology, Izmir, Türkiye**
Calculus for Engineering and Science II, Applied Mathematics for MSE, Differential Equations, Numerical Analysis, Numerical Methods and Scientific Programming I, Numerical Analysis II, Selected Topics in Applied Mathematics, Numerical Methods and Scientific Programming II
- 2007-2022 **Azarbaijan Shahid Madani University, Tabriz, Iran**
English for Math Students, Numerical Analysis, Wavelet and its Applications, Approximation Theory, Advanced Numerical Analysis, Numerical Linear Algebra, Spectral Methods, Integral Equations, Numerical Solution of Integral Equations, Mathematics Laboratory I, Numerical Solution of ODEs, Calculus I, Numerical Computation, Basics of Computer and Programming
- 2008-2009 **Payame Noor University, Tabriz, Iran**
Advanced Numerical Analysis
- 2005-2007 **Islamic Azad University, South Tehran Branch, Tehran, Iran**
Numerical Computation, Calculus I, Differential Equations
- 2005-2007 **Shahid Rajaei University, Tehran, Iran**
Numerical Computation, Numerical Analysis, Calculus I, Mathematics Laboratory
- 2004-2006 **University of Applied Science and Technology, Tehran, Iran**
Numerical Computation, Calculus I, Computer Laboratory, Basics of Computer
- 2004-2005 **Iran University of Science and Technology, Tehran, Iran**
Numerical Computation

Languages

- Persian Native Speaker
- English Reading, Listening and Writing (Advanced), Speaking (High-Intermediate)
(according to the TOEFL score report 2022)
- Turkish B1 taken in General Directorate of Lifelong Learning, Ministry of Education, Türkiye

Last updated: May 30, 2024