

PERSONAL INFORMATION



Hamid Mir-Mohammad-Sadeghi

📍 Faculty of Engineering, Gime American University, Gime (Cyprus)

✉ hamidsadeghi@gau.edu.tr

Sex Male | Date of birth 21/04/1982 | Nationality Iranian

JOB APPLIED FOR

College / university teaching professional

WORK EXPERIENCE

09/10/2017–Present

College / university teaching professional

Gime American University, Gime (North Cyprus)

- Teaching
- Research

31/07/2016–30/09/2017

Research Fellowship

Eastern Mediterranean University, Famagusta (Cyprus)

- Teaching
- Research
- Theoretical analysis
- Experimental proof (using C++)
- Team work

01/09/2008–30/07/2016

Full Time Teaching Assistant

Eastern Mediterranean University, Famagusta (Cyprus)

- Taught various mathematics courses for undergraduate students in the Mathematics, Engineering, and Business Departments.
- Conduct lab sessions
- Grading papers or exams
- Answering students questions in office hour time

EDUCATION AND TRAINING

01/07/2016–Present

Research Fellowship

Eastern Mediterranean University, Famagusta (Cyprus)

01/09/2010–30/06/2016

PhD of Applied Mathematics and Computer Science

Eastern Mediterranean University, Famagusta (Cyprus)

Thesis entitled:

High Order Accurate Approximation of the First and Pure Second Derivatives of the Laplace Equation on a Rectangle and Rectangular Parallelepiped.

Occupational:

- Theoretical analysis
- Experimental proof (using Fortran)

01/02/2008–30/06/2010 **MS in Applied Mathematics and Computer Science**

Eastern Mediterranean University, Famagusta (Cyprus)

Thesis entitled:

Fuzzy Intelligent Traffic Control System

Occupational:

- Theoretical Analysis
- Experimental proof (Using Matlab)

02/02/2005–31/01/2008 **Military Service and worked in private company**

Isfahan (Iran)

01/09/2000–01/02/2005 **BS in applied Mathematics**

University of Isfahan, Isfahan (Iran)

PERSONAL SKILLS

Mother tongue(s) Persian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

- Excellent communication skill through my experience as a teaching assistant in university.
- Excellent contact skill with student gained through my course teaching in university.

Job-related skills

- A fast perception, good analytical skills and a solution-oriented work style.
- A high degree of care, reliability and commitment.
- Strong team and communication skills.
- Very good knowledge in programming with C++, Fortran, Java, Python, C#, Matlab, etc.
- Very good skill in teaching and transferring my knowledge to other.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Proficient user	Independent user	Independent user	Proficient user

Digital competences - Self-assessment grid

Other skills

Journal reviewer

Combinatorial Image Analysis, LNCS, volume 10256

Software skills:

- **Programming Languages:** C/C++, C#, FORTRAN, Java, Python, Pascal, Delphi, Android Application Development, Matlab, Mathematical, PHP, Ajax, HTML, CSS
- **Data Base:** My SQL
- **Multi Media:** 3D Max
- **Other:** LATEX and Microsoft Office

Sport Activities: Tennis, Climbing, cycling, and running

ADDITIONAL INFORMATION

Publications

Journal publications:

- Benedek Nagy, Shaghayegh Parchami, Hamid Mir-Mohammad-Sadeghi. A new sensing Watson-Crick automata concept. *Electronic Proceedings in Theoretical Computer Science, AFL 2017, EPTCS 252, 2017, pp. 195-204. DOI: 10.4204/EPTCS.252.19*
- Mir-Mohammad-Sadeghi H., Nagy B. 2017. On the Chamfer Polygons on the Triangular Grid. In: Brimkov V., Barneva R. (eds), *Combinatorial Image Analysis, IWCI 2017, LNCS 10256, pp. 53-65, Springer, Cham. DOI: 10.1007/978-3-319-59108-7_5*
- Adiguzel A. Dosiyevev and Hamid Mir-Mohammad Sadeghi. 2016. On highly accurate approximation of the first and pure second derivatives of the Laplace Equation on a rectangular parallelepiped. *Advances in Difference Equations, 2016:145, DOI: 10.1186/s13662-016-0868-5 (SCI-E)*
- Nagy B., Mir-Mohammad-Sadeghi H. 2016. Digital Disks by Weighted Distances in the Triangular Grid. *Discrete Geometry for Computer Imagery, DGCI 2016, LNCS 9647, pp.385-397, Springer, Cham, DOI: 10.1007/978-3-319-32360-2_30*
- Adiguzel A. Dosiyevev, Hamid M.M. Sadeghi. 2015. A fourth order accurate approximation of the first and pure second derivatives of the Laplace equation on a rectangle. *Advances in Difference Equations, Vol. 67. DOI: 10.1186/s13662-015-0408-8 (SCI-E)*
- Atilla Elçi, Behnam Rahnama, Ramin Bakhshi, Hamid Mir-Mohammad Sadeghi. 2011. A Novel and Simple-to implement Friend or Foe Identification System in Multi-robot battlefield. *SDU International Journal of Technological Sciences, Vol. 3, no. 1, Isparta, Turkey.*

Revise and Resubmit Requests:

- Hamid Mir-Mohammad-Sadeghi, Benedek Nagy (under review). On the Approximation of the Euclidean disk by Weighted Distances on the Triangular Grid

Conference publications:

- Behnam Rahnama, Kemal Ebedi, and Hamid M. Sadeghi. *Self-Corrective Cascade Control Obstacle Avoidance and Deviation Correction System for Robotics Systems.* 2013 IEEE RO-MAN: The 22nd IEEE International Symposium on Robot and Human Interactive Communication, Gyeongju, Korea, August 26-29, 2013.
- A. Elçi, B. Rahnama, R. Bakhshi, and H.M.Sadeghi. *A Secure Scheme for Friend or Foe Identification in Battle Scene.* The Third International Conference on Wireless Mobile Networks (WiMo), June 26-28, 2011, Ankara, Turkey (www.aircse.org).
- Behnam Rahnama, Atilla Elçi, Hamid Mir-Mohammad Sadeghi, Ramin Bakhshi. *Semantic Intelligent Decision Maker Self Localizing Client CLDR.* The 6th International Symposium on Electrical and Electronics Engineering and Computer Systems (EEECS'10), European University of Lefke, Gemikonağı, Northern Cyprus, November 25-26, 2010.

- R. R. Aliev, Hamid M. Sadeghi. *Fuzzy Logic Based System for Optimal Control of Traffic Urban Intersections*. Ninth International Conference on Applications of Fuzzy Systems and Soft Computing (ICAFS), August 26-27, 2010, Prague, Czech Republic.
- Atilla Elçi and Behnam Rahnama, Ramin Bakhshi, Hamid Mir-Mohammad Sadeghi. *A Novel and Simple-to-implement Friend or Foe Identification System in Multi-robot Battlefield*. 2nd International Joint Robotics Competition and Symposium (IJRCS), May 20-24, 2009, Suleyman Demirel University, Isparta, Turkey.

Honours and awards

2010-2016

100% Tuition Waiver Scholarship for PhD degree
Eastern Mediterranean University, Famagusta, TRNC

2008-2010

100% Tuition Waiver Scholarship for Master degree
Eastern Mediterranean University, Famagusta, TRNC

2009

International Joint Robotics Competition and Symposium (IJRCS), May 20-24, 2009, Suleyman Demirel University, Isparta, Turkey.

- Second Place in "Mini Sumo Teams" by the "Faithful Robots" Team;
- Third Place in "Free Style" project category by the "Security Robot"
- "Special Prize for Technical Merit," as a team member of the prestigious jury's award, awarded for "Cooperative Labyrinth Discovery - Client Robots Project."