

Gamzegül Karahisarlı

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Education

TOBB University of Economics and Technology

PH.D, DEPARTMENT OF MATHEMATICS, GPA: 3.71/4.0

- Full Scholarship Recipient

Ankara, TURKEY

Jan. 2016 - Dec. 2021

TOBB University of Economics and Technology

M.S., DEPARTMENT OF MATHEMATICS, GPA: 3.93/4.0

- Full Scholarship Recipient

Ankara, TURKEY

Sempr. 2014 - Dec. 2015

TOBB University of Economics and Technology

B.S., DEPARTMENT OF MATHEMATICS, GPA: 3.31/4.0

- Full Scholarship Recipient

Ankara, TURKEY

Sempr. 2009 - Aug. 2014

Balıkesir Science High School

HIGH SCHOOL

Balıkesir, TURKEY

Sempr. 2005 - Aug. 2009

Experience

Department of Mathematics, Middle East Technical University

RESEARCH ASSISTANT

Ankara, TURKEY

Apr. 2019 - Dec. 2021

Department of Mathematics, TOBB University of Economics and Technology

TEACHING ASSISTANT

Ankara, TURKEY

Sep. 2014 - Apr. 2019

Union of Chambers and Commodity Exchanges of Turkey

INTERN

Ankara, TURKEY

May 2014 - Aug. 2014

Department of Mathematics, TOBB University of Economics and Technology

STUDENT ASSISTANT

Ankara, TURKEY

Jan. 2013 - May 2013

Anadolu Insurance Company

INTERN

İstanbul, TURKEY

Jan. 2012 - May 2012

Honors & Awards

2228-B Doctorate Scholarship Program

TURKISH SCIENTIFIC AND TECHNICAL RESEARCH COUNCIL (TÜBİTAK)

Ankara, TURKEY

Feb. 2016 - Dec. 2021

Achievement Scholarship

TOBB UNIVERSITY OF ECONOMICS AND TECHNOLOGY

Ankara, TURKEY

Sep. 2016 - Apr. 2019

Travel Scholarship for Scientific Meetings

TOBB UNIVERSITY OF ECONOMICS AND TECHNOLOGY

Ankara, TURKEY

Aug. 2015

Travel Scholarship for Scientific Meetings

TOBB UNIVERSITY OF ECONOMICS AND TECHNOLOGY

Ankara, TURKEY

Oct. 2016

Summer School and Workshop Scholarship

UNIVERSITY OF THE AEGEAN, KARLOVASI

Samos, GREECE

Sep. 2019

Publications

Journal Articles Published

- Karahisarlı, G., Merdan, H., and Tridane, A. Stability and zero-Hopf bifurcation analysis of a tumour and T-helper cells interaction model in the case of HIV infection. *Miskolc Mathematical Notes*, 21(2), 911-937, 2020.
- Merdan H., Ak Gümüş Ö., Karahisarlı (Aydın) G., Global stability analysis of a general scalar difference equations, *Dynamic Systems and Applications*, *Journal Discontinuity, Nonlinearity, and Complexity*, 2017.

Scientific Meetings and Presentations

Mathematical Biology on the Mediterranean Conference, International Summer School

Samos, GREECE

PARTICIPANT

September 1-7, 2019

4th International Conference on Complex Dynamical Systems in Life Sciences: Modeling and Analysis

Agadir, MOROCCO

PRESENTER FOR "STABILITY ANALYSIS OF HIV INFECTION MODEL WITH TUMOR"

October 26-28, 2016

International Conference on Pure and Applied Mathematics

Van, TURKEY

PRESENTER FOR "A HIV/AIDS INFECTION MODEL AND ITS STABILITY ANALYSIS"

August 25-28, 2015

Teaching Experience

Middle East Technical University

Ankara, TURKEY

TEACHING ASSISTANT

- MATH 120 Calculus of Functions of Several Variables, Spring 2020, Spring 2019
- MATH 119 Calculus with Analytic Geometry, Fall 2021, Fall 2020, Fall 2019
- MATH 117 Calculus I, Spring 2018

TOBB University of Economics and Technology

Ankara, TURKEY

TEACHING ASSISTANT

- MAT 101 Calculus I, Fall 2018, Spring 2017, Fall 2017, Fall 2016, Spring 2015, Summer 2014, Fall 2014
- MAT 102 Calculus II, Summer 2017, Spring 2017, Spring 2016, Spring 2014
- MAT 103 - General Mathematics I, Summer 2016
- MAT 104 - General Mathematics II, Summer 2016
- MAT 209 Advance Calculus I, Summer 2017
- MAT 210 Advance Calculus II, Fall 2015
- MAT 395 Numerical Analysis, Spring 2017

Exam Results

YDS	87.5 (Apr. 2021)
YÖKDİL	92 (Mar. 2021)
ALES	93 (Nov. 2018)
TOEFL	85 (Nov. 2015)

Skill & Interests

Programming Matlab, LATEX, MS Office

Languages Turkish (native), English(fluent), German(beginner)

References

Available upon request.