

# Gamzegül Karahisarlı

RESEARCH ASSISTANT

Department of Mathematics, Middle East Technical University,  
Ankara, TURKEY

☎ +90 (312) 210-5349 | ✉ gamzegul@metu.edu.tr, gamzegulkarahisarli@gmail.com

## Education

### TOBB University of Economics and Technology

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

- Full Scholarship Recipient

Ankara, TURKEY

January 2016 - present

### TOBB University of Economics and Technology

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

- Full Scholarship Recipient

Ankara, TURKEY

September 2014 - December 2015

### TOBB University of Economics and Technology

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

- Full Scholarship Recipient

Ankara, TURKEY

September 2009 - August 2014

### Balıkesir Science High School

HIGH SCHOOL

Balıkesir, TURKEY

September 2005 - August 2009

## Experience

### Department of Mathematics, Middle East Technical University

RESEARCH ASSISTANT

Ankara, TURKEY

Apr. 2019 - present

### 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 - present

### 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

## Publications

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### Journal Articles Published

- Karahisarli G., Merdan H., 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, in press.
- Merdan H., Ak Gümüş Ö., Karahisarlı (Aydın) G., Global stability analysis of a general scalar difference equations, Dynamic Systems and Applications, Journal Discontinuty, Nonlinearity, and Complexity, 2017.

## Scientific Meetings and Presentations

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### Mathematical Biology on the Mediterranean Conference, International Summer school

PARTICIPANT

Samos, GREECE

September 1-7, 2019

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

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

Agadir, MOROCCO

October 26-28, 2016

### International Conference on Pure and Applied Mathematics

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

Van, TURKEY

August 25-28, 2015

## Teaching Experience

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### Middle East Technical University

TEACHING ASSISTANT

Ankara, TURKEY

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

### TOBB University of Economics and Technology

TEACHING ASSISTANT

Ankara, TURKEY

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

## Skill & Interests

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**Programming** Matlab, LATEX, Wolfram Mathematica, MS Office

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

**Interests** Cycling, Camping, Traveling, Cooking

## References

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**Available upon request.**