

SİNEM UNUL BABAGİL

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Personal Information:

Birth Date : 29 November 1984

Birth Place : Turkey

Marital Status : Married

Nationality : TR and TRNC

Education and Training:

Degree	University	Year
Undergraduate	Başkent University	2003-2007
Master	Eastern Mediterranean University (EMU)	2007-2010
Ph.D	Eastern Mediterranean University (EMU)	2010-2016

Ph.D Thesis: Existence of Solutions of Fractional Differential Equations.

Ms. Thesis: Misconceptions and Errors in Dealing With Exponents and Radicals With Simple Context In University Mathematics.

International Conferences (and Proceedings) :

- ICJMS2015; The 28th International Conference of Jangjeon Mathematical Society, 13-19 May 2015, Akdeniz University, Antalya, Turkey, “Existence of Solutions of Fractional Boundary Value Problem with Irregular Conditions”.
- ICRAPAM 2014; International Conference on Recent Advances in Pure and Applied Analysis, 6-9 November 2014, Antalya, Turkey, “Existence of Solutions of Fractional Boundary Value Problems with p-Laplacian Operator”.
- International Congress In Honour Of Professor Ravi P. Agarwal at The Auditorium at the Campus of Uludağ University; June 23-26 2014, Bursa, Turkey, “Existence and Uniqueness of $\alpha \in (2,3]$ Order Fractional Three Point Boundary Value Problems with Integral Conditions”.

- INTE2010; International Conference on New Horizons in Education, June 23-25, pg 550-554, “Misconceptions In Exponents and Radicals In University Mathematics”, Famagusta, TRNC.
- INTE2010; International Conference on New Horizons in Education, June 23-25, pg 526-531, “Mathematics Performance Of Fourth Graders In North Cyprus Located On a GIS Solution, A Proposal”, Famagusta, TRNC.

Referee of:

- “Numerical Methods for Solving Initial Value Problems of Some Kinds of Nonlinear Impulsive Fractional Differential Equations” .
- “Existence of Solution and Hyres-Ullam Stability For a Coupled System of Fractional Differential Equations with p-Laplacian Operator”.
- "Existence of Positive Solution to a Class of Fractional Differential Equations with Boundary Conditions", for possible publication in BMAA.

Projects:

- Evaluating Pharmacy Students’ Mathematic Skills by using Spss programme (with prepared control groups and test groups).
- Construction methods in Mathematics Education.

Foreign Language Skills:

English and German

Club Membership:

- TEGV (Educational Volunteers Foundation of Turkey)
- TOG (Community Volunteers Foundation of Turkey)
- TEMA, (The Turkish Foundation for Combating Soil Erosion for Reforestation and Protection of Natural Habitats)
- KADOST (Extreme Sports Club)

Computer Skills:

SPSS, Mapple, GIS, Microsoft Office Programmes (Word, Excell,Power Point...), Latex, PROLOG.

Certificates:

- ODTU Foreign Language Certificate
- Boğaziçi University, WCCES (World Council of Comparative Education Societies) XIV World Congress
- Hacettepe University; HUPDAT
- Hacettepe University; Human Resources and Personal Development 13 Congress

Experienced Courses:

Course Code	Course	Language
MATH 105	Statistical Mathematics for Business&Economics	(English)
ISTA 202	Statistics-II (Engineering Faculty)	(Turkish)
MATE 211	Biostatistics and SPSS (Health Faculty)	(Turkish)
MATH 211	Biostatistics (Health Faculty)	(English)
MATH 212	Biostatistics (Pharmacy Faculty)	(English)
STAT 302	Regression Analysis (Education Faculty)	(Turkish)
MATE 305	Probability and Statistics (Engineering Faculty)	(Turkish)
MATE 309	Probability and Statistics -I (Education Faculty)	(Turkish)
MATE 310	Probability and Statistics-II (Education Faculty)	(Turkish)
MATH 320	Probability and Statistics (Engineering Faculty)	(English)
MATH 322	Probability and Statistical Methods (Engineering Faculty)	(English)
MATH 324	Statistics (Art-Science Faculty)	(English)
MATE 332	Probability and Statistical Methods (Engineering Faculty)	(Turkish)
MATH 414	Multivariate Statistical Analysis (Engineering Faculty)	(English)
MATE 101	Analytic Geometry (Education Faculty)	(Turkish)
MATE 101	Analytic Geometry –I (Education Faculty)	(Turkish)
MATE 102	Geometry (Business and Economics, Education Faculty)	(Turkish)
MATE 102	Analytic Geometry –II (Education Faculty)	(Turkish)
MATE 319	Analytic Geometry –II (Engineering Faculty)	(Turkish)
MATE 320	Analytic Geometry –II (Education Faculty)	(Turkish)
MATE 153	Calculus I (Business and Economics)	(Turkish)
MATE 154	Calculus II (Business and Economics)	(Turkish)
MATH 151	Calculus-I (Engineering Faculty)	(English)
MATH 152	Calculus-II (Engineering Faculty)	(English)
MATH 111	General Mathematics for Business and Economics	(English)
MATE 111	General Mathematics-I (Education Faculty)	(Turkish)
MATE 115	General Mathematics for Politechniques	(Turkish)
MATE 122	General Mathematics (Health Faculty)	(Turkish)
MATH 155	General Mathematics for Pharmacy	(English)
MATH 166	Mathematics-II (Business and Economics)	(English)
MATH 205	Analysis III (Education Faculty)	(English)
MATH 206	Analysis IV (Education Faculty)	(English)
MATH 103	Mathematics For Business and Economics I	(English)
MATH 104	Mathematics For Business and Economics II	(English)

BILG 101	Basic Computer Science (Art-Science Faculty)	(English)
COMP 101	Fundamental Applications of Computer Software; Word, Excel, Powerpoint, Frontpage etc.	(English)
COMP 190	Basic Computer Software(Business&Economics Faculty, Communication Faculty, Law Faculty)	(English)
ArcGIS	Mathematical Version of Geographical Information Systems' Calculation (Art-Science Faculty)	(English)
BILG 379	Mapple Programme and Mathematics Problem Solving Techniques (Art-Science Faculty, Education Faculty)	(Turkish)
MATE 401	Functional Analysis (Education Faculty)	(Turkish)
MATH 241	Linear Algebra and Ordinary Differential Equations (Engineering Faculty)	(English)
MATE 241	Lineer Algebra and Differential Equations (Engineering Faculty)	(Turkish)
MATE 332	Differential Equations (Art-Science Faculty)	(Turkish)

References:

- Prof. Dr. Nazim I. MAHMUDOV: Art and Science Faculty, Department of Mathematics at Eastern Mediterranean University (EMU).
- Prof. Dr. Sonuç Zorlu Ogurlu: Art and Science Faculty, Department of Mathematics at Eastern Mediterranean University (EMU).