

## Assoc. Prof. SEMRA PAMUK

### Personal Information

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### International Researcher IDs

ScholarID: Ztoh540AAAAJ

ORCID: 0000-0001-9744-3438

Publons / Web Of Science ResearcherID: AAZ-9959-2020

ScopusID: 6602826182

Yoksis Researcher ID: 117920

### Education Information

Doctorate, McMaster University, Fen Fakültesi/Matematik, Canada 2004 - 2008

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Matematik (YI) (Tezli), Turkey 2001 - 2002

Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, Turkey 1997 - 2001

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Periodic Resolutions and Finite Group Actions, McMaster University, Fen Fakültesi, Matematik, 2008

Postgraduate, Connection Preserving Conformal Diffeomorphisms of Spheres, Middle East Technical University, Graduate School of Natural and Applied Sciences, Matematik (YI) (Tezli), 2002

### Research Areas

Mathematics, Algebraic Topology, Manifolds and Cell Complexes, Classification Theory and Homological Algebra

### Academic Titles / Tasks

Assistant Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 2012 - 2018

Lecturer PhD, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 2009 - 2012

Researcher, Koc University, Faculty Of Science, Department Of Mathematics, 2008 - 2009

Research Assistant, McMaster University, Fen Fakültesi, Matematik, 2004 - 2008

Research Assistant, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 2001 - 2003

## Academic and Administrative Experience

Fakülte Kurulu Üyesi, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 2019 - Continues

Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 2012 - 2015

Erasmus Coordinator, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 2009 - 2011

## Courses

Calculus I, Undergraduate, 2023 - 2024

HOMOLOGICAL ALGEBRA, Doctorate, 2023 - 2024, 2020 - 2021, 2017 - 2018, 2016 - 2017, 2015 - 2016

Partial Differential Equations, Undergraduate, 2022 - 2023

ALGEBRAIC TOPOLOGY II, Postgraduate, 2022 - 2023, 2012 - 2013

INTRODUCTION TO DIFFERENTIAL EQUATIONS, Undergraduate, 2023 - 2024, 2021 - 2022, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Supervised Independent Study & research, Undergraduate, 2021 - 2022

HOMOTOPY THEORY, Doctorate, 2021 - 2022

ALGEBRAIC TOPOLOGY I, Postgraduate, 2022 - 2023, 2012 - 2013

DIFFERENTIAL EQUATIONS, Undergraduate, 2021 - 2022

Introduction to Mathematical Analysis, Undergraduate, 2022 - 2023

BASIC LINEAR ALGEBRA, Undergraduate, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2015 - 2016, 2013 - 2014, 2012 - 2013

INTRODUCTION TO COMPUTATIONAL TOPOLOGY, Undergraduate, 2021 - 2022

HOMOLOGICAL METHODS IN TOPOLOGY, Doctorate, 2020 - 2021

FUNDAMENTALS OF MATHEMATICS, Undergraduate, 2020 - 2021, 2010 - 2011

ELEMENTARY GEOMETRIC TOPOLOGY, Undergraduate, 2019 - 2020, 2017 - 2018

CALCULUS ON MANIFOLDS, Undergraduate, 2019 - 2020

ADVANCED CALCULUS II, Undergraduate, 2016 - 2017

ADVANCED CALCULUS I, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

DIFFERENTIABLE MANIFOLDS, Postgraduate, 2014 - 2015

CALCULUS FOR MATHEMATICS STUDENTS II, Undergraduate, 2013 - 2014, 2012 - 2013

POINT-SET TOPOLOGY, Undergraduate, 2014 - 2015

CALCULUS WITH ANALYTIC GEOMETRY, Undergraduate, 2013 - 2014, 2011 - 2012, 2010 - 2011, 2009 - 2010

VECTOR BUNDLES AND CHARACTERISTIC CLASSES, Doctorate, 2013 - 2014

FIELD EXTENSIONS AND GALOIS THEORY, Undergraduate, 2011 - 2012

BASIC ALGEBRAIC STRUCTURES, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010

CALCULUS FOR MATHEMATICS STUDENTS I, Undergraduate, 2012 - 2013

ABSTRACT ALGEBRA, Undergraduate, 2011 - 2012

CALCULUS OF FUNCTIONS OF SEVERAL VARIABLES, Undergraduate, 2010 - 2011, 2009 - 2010

## Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe University, May, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ihsan Dogramaci Bilkent

University, May, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, July, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İhsan Doğramacı Bilkent Üniversitesi, June, 2022

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, June, 2022

Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, May, 2022

## Supported Projects

PAMUK M., KORKMAZ M., PAMUK S., Project Supported by Higher Education Institutions, Yüzey Gruplarının Torelli Grubunun İçine Gömülmesi, 2013 - 2015

PAMUK S., Project Supported by Higher Education Institutions, A6 Grubunun Farklı Boyutlardaki İki Küre Çarpımına Homotopik Bir Uzay Üzerine Serbest Etkisi, 2011 - 2011

## Memberships / Tasks in Scientific Organizations

International Mathematical Union-Committee for Women in Mathematics (Ambassador of Turkey), Member, 2016 - Continues, United States Of America

European Women in Mathematics, Country Coordinator for Turkey, Member, 2016 - Continues, France

Kadın Matematikçiler Derneği, Member, 2012 - Continues, Turkey

## Scientific Refereeing

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, National Scientific Refreed Journal, May 2023

TUBITAK Project, 1002 - Quick Support Program, Middle East Technical University, Turkey, January 2023

Project Supported by Higher Education Institutions, BAP Research Project, Hacettepe University, Turkey, October 2022

## Mobility Activity

Sabbatical Leave, Guest Researcher, McMaster University, Canada, 2018 - 2019

## Metrics

Publication: 5

Citation (WoS): 11

Citation (Scopus): 13

H-Index (WoS): 2

H-Index (Scopus): 2

## Congress and Symposium Activities

International Congress of Mathematicians, Attendee, Seoul, South Korea, 2014

## Invited Talks

Mathematical Colloquium, Seminar, Mathematical Institute of the Serbian Academy of Sciences and Arts, Serbia,  
September 2022

## **Non Academic Experience**

Orta Doğu Teknik Üniversitesi

Koç Üniversitesi

McMaster University

Orta Doğu Teknik Üniversitesi