

Asst. Prof. EYLEM ÖZTÜRK

Personal Information

Email: eozturk@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/eozturk>

Address: Hacettepe Üniv, Fen Fakültesi, Matematik Bölümü

Education Information

Doctorate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Bölümü, Turkey 2008 - 2014

Postgraduate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Bölümü, Turkey 2005 - 2008

Undergraduate, Hacettepe University, Fen Fakültesi, Matematik Bölümü, Turkey 2000 - 2005

Dissertations

Doctorate, Bir sınıf doğrusal olmayan difüzyon-reaksiyon denklemlerinin incelenmesi, Hacettepe Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2014

Postgraduate, Yamabe tipli denklem için 3. sınıf sınır probleminin incelenmesi, Hacettepe Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2008

Research Areas

Mathematics, Differential Equations, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2018 - Continues

Research Assistant PhD, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2014 - 2018

Research Assistant, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2005 - 2014

Courses

MATEMATİKSEL BİYOLOJİYE GİRİŞ, Undergraduate, 2020 - 2021

MATEMATİK 2, Undergraduate, 2019 - 2020

MATEMATİK 1, Undergraduate, 2020 - 2021

Bilgisayar Destekli Matematik Pro. I, Undergraduate, 2019 - 2020

Analiz III, Undergraduate, 2019 - 2020

Analiz IV, Undergraduate, 2018 - 2019

ENGINEERING MATHEMATICS, Undergraduate, 2019 - 2020

Çalışma Metodları I, Undergraduate, 2019 - 2020

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Well-posedness and long time behavior for p-Laplacian equation with nonlinear boundary condition**
Antontsev S., ÖZTÜRK E.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.472, no.2, pp.1604-1630, 2019 (Journal Indexed in SCI)
- II. **EXISTENCE AND NONEXISTENCE OF SOLUTIONS OF THE REACTION-DIFFUSION EQUATION WITH ROBIN BOUNDARY CONDITION**
ÖZTÜRK E., KALLI K.
UKRAINIAN MATHEMATICAL JOURNAL, vol.68, no.3, pp.475-484, 2016 (Journal Indexed in SCI)
- III. **Solvability and long time behavior of nonlinear reaction-diffusion equations with Robin boundary condition**
ÖZTÜRK E., Soltanov K. N.
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.108, pp.1-13, 2014 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Existence and Behavior Results for a Nonlocal Nonlinear Parabolic Equation with Variable Exponent**
SERT U., ÖZTÜRK E.
KYUNGPOOK MATHEMATICAL JOURNAL, vol.60, no.1, pp.145-161, 2020 (Journal Indexed in ESCI)
- II. **ASYMPTOTIC BEHAVIOR OF THE NON-AUTONOMOUS REACTION-DIFFUSION EQUATION WITH ROBIN BOUNDARY CONDITION**
ÖZTÜRK E.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.68, no.1, pp.422-440, 2019 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Otonom ve otonom olmayan durumda Reaksiyondifüzyon denkleminin Robin sınır koşulu altında uzun zaman dinamiği**
ÖZTÜRK E.
The 11th AIMS Conference on Dynamical Systems, Differential Equations and Applications, Orlando, United States Of America, 1 - 05 July 2016
- II. **Solvability and long time behavior of nonlinear Reaction Diffusion equations with Robin Boundary Condition**
ÖZTÜRK E.
The 10th AIMS Conference on Dynamical Systems, Differential Equations and Applications, Madrid, Spain, 7 - 14 July 2014
- III. **Third type Boundary value problem for a Yamabe type equation**
ÖZTÜRK E.
The 5th International Conference "Mathematical Analysis, Differential Equations and Their Applications", 15 - 20 September 2010
- IV. **On Some Yamabe Type Equations**
ÖZTÜRK E., Soltanov K. N.
International Conference on Numerical Analysis and Applied Mathematics, Rethymno, Greece, 18 - 22 September 2009, vol.1168, pp.377-380

Supported Projects

ÖZTÜRK E., Project Supported by Higher Education Institutions, Lineer olmayan parabolik p-Laplacian denklemleri

üzerine, 2017 - 2018

ÖZTÜRK E., Project Supported by Higher Education Institutions, Otonom ve otonom olmayan durumda

Reaksiyondifüzyon denkleminin Robin sınır koşulu altında uzun zaman dinamiği, 2016 - 2016

ÖZTÜRK E., Project Supported by Higher Education Institutions, Lineer olmayan Reaksiyon-Difüzyon denkleminin Robin sınır koşulu altında çözülebilirliği ve uzun zaman davranışı, 2015 - 2016

ÖZTÜRK E., Project Supported by Higher Education Institutions, ZAMANA BAĞLI REAKSİYON-DİFÜZYON DENKLEMİNİN ROBIN SINIR KOŞULU ALTINDA ASİMPTOTİK DAVRANIŞI, 2015 - 2016

Citations

Total Citations (WOS):6

h-index (WOS):2