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Personal Information

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Address: Hacettepe Üniv, Fen Fakültesi, Matematik Bölümü

Education Information

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

Postgraduate, Hacettepe University, 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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Well-Posedness and Global Attractors for Viscous Fractional Cahn-Hilliard Equations with Memory**
ÖZTÜRK E., Shomberg J. L.
FRACTAL AND FRACTIONAL, vol.6, no.9, 2022 (SCI-Expanded)
- II. **Limit for the p-laplacian equation with dynamical boundary conditions**
Öztürk E., Rossi J. D.
Electronic Journal of Differential Equations, vol.01, no.Special Issue 01, pp.135-147, 2021 (SCI-Expanded)
- III. **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 (SCI-Expanded)
- IV. **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 (SCI-Expanded)
- V. **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 (SCI-Expanded)

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 (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 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **"The limit as $p \rightarrow \infty$ for the p-Laplacian Equation with Dynamical Boundary Conditions"**
Öztürk E., Rossi J. D.
27th International Conference on Difference Equations and Applications, Paris, France, 18 - 22 July 2022, pp.167-168
- II. **Well Posedness and asymptotic behavior for p-Laplacian Equation with Nonlinear Boundary Condition**
Öztürk E.
International Conference on Analysis and Its Applications-2021 (ICAA_Nepal_2021), Baglung, Nepal, 9 - 11 April 2021, pp.38-39
- III. **Well-posedness and Global Attractors for Viscous Fractional CahnHilliard Equations with Memory**
Öztürk E.
• Turkey-Italy Colloquium on Applied Analysis and Differential Equations, Ankara, Turkey, 10 - 11 July 2019, pp.3-4
- IV. **Existence and behavior results for a nonlocal nonlinear parabolic equation with variable exponent**
Sert U., Öztürk E.
7th International Conference on Applied Analysis and Mathematical Modelling, İstanbul, Turkey, 20 - 24 June 2018, pp.143
- V. **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

VI. 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

VII. 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

VIII. 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 ASİMPOTİK DAVRANIŞI, 2015 - 2016

Metrics

Publication: 15

Citation (WoS): 6

Citation (Scopus): 2

H-Index (WoS): 2

H-Index (Scopus): 1