

Dr.Öğr.Üyesi SEMA YAYLA

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Fen Fakültesi, Matematik, Türkiye 2011 - Devam Ediyor

Yabancı Diller

Türkçe, C1 İleri

Araştırma Alanları

Matematik, Diferansiyel denklemler, Kısmi diferansiyel eşitlikler, Temel Bilimler

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Hacettepe Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2022 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Long time behavior of semilinear wave equation with localized interior damping term under acoustic boundary condition**
ŞEN Z., YAYLA S.
Japan Journal of Industrial and Applied Mathematics, cilt.40, sa.2, ss.1221-1257, 2023 (SCI-Expanded)
- II. **Long-time dynamics of the 2D nonisothermal hyperbolic Cahn-Hilliard equations**
YAYLA S.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, cilt.45, ss.5513-5544, 2022 (SCI-Expanded)
- III. **Long-time dynamics of the Cahn-Hilliard equation with kinetic rate dependent dynamic boundary conditions**
Garcke H., Knopf P., YAYLA S.
NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, cilt.215, 2022 (SCI-Expanded)
- IV. **Dynamics of a Cauchy problem related to extensible beams under nonlocal and localized damping effects**
YAYLA S., Cardozo C. L., Jorge Silva M. A., Narciso V.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, cilt.494, sa.1, 2021 (SCI-Expanded)
- V. **Long-time dynamics for a Cahn-Hilliard tumor growth model with chemotaxis**
Garcke H., YAYLA S.
ZEITSCHRIFT FÜR ANGEWANDTE MATHEMATIK UND PHYSIK, cilt.71, sa.4, 2020 (SCI-Expanded)
- VI. **LONG-TIME DYNAMICS OF THE STRONGLY DAMPED SEMILINEAR PLATE EQUATION IN R-N**

Khanmamedov A., YAYLA S.

ACTA MATHEMATICA SCIENTIA, cilt.38, sa.3, ss.1025-1042, 2018 (SCI-Expanded)

VII. **Global attractors for the 2D hyperbolic Cahn-Hilliard equations**

KHANMAMEDOV A., YAYLA S.

ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND PHYSIK, cilt.69, sa.1, 2018 (SCI-Expanded)

VIII. **Global attractors for the semilinear beam equation with localized viscosity**

YAYLA S.

TURKISH JOURNAL OF MATHEMATICS, cilt.42, sa.5, ss.2588-2606, 2018 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. **Regularity of the Global Attractor for the Plate Equation with Nonlocal Nonlinearity in R-n**

YAYLA S.

International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Yunanistan, 19 - 25

Eylül 2016, cilt.1863

Desteklenen Projeler

YAYLA S., Yükseköğretim Kurumları Destekli Proje, Yerel olmayan Doğrusal olmayan Terime Sahip Levha Denkleminin Uzun Zaman Davranışı, 2016 - 2017

Metrikler

Yayın: 9

Atf (WoS): 3

Atf (Scopus): 1

H-İndeks (WoS): 1

H-İndeks (Scopus): 1