

Asst. Prof. Gökçen ÇEKİÇ ÖZTEK

Personal Information

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International Researcher IDs

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Education Information

Doctorate, University of Birmingham, School Of Mathematics, Applied Mathematics, United Kingdom 2011 - 2015

Postgraduate, Tobb University Of Economics And Technology, Matematik Bölümü, Turkey 2006 - 2009

Undergraduate, Ankara University, Matematik Bölümü, Turkey 2001 - 2005

Certificates, Courses and Trainings

Education Management and Planning, Introduction to Assessment and Feedback, University of Birmingham, 2014

Education Management and Planning, Laboratory Based Demonstrating, University of Birmingham, 2012

Education Management and Planning, Introduction to Learning & Teaching in Higher Education for Postgraduates, University of Birmingham, 2012

Dissertations

Doctorate, Wave regimes and mass transfer in two-layer falling films, The University of Birmingham, Natural Sciences, School Of Mathematics, 2015

Postgraduate, Gecikmeli av-avcı sistemlerinde Hopf çatallanma ve kararlılık analizi, Tobb University Of Economics And Technology, Fen Bilimleri Enstitüsü, Matematik, 2009

Research Areas

Physics, Electromagnetism, Acoustics, Heat Transfer, Classical Mechanics and Fluid Dynamics, Fluid Dynamics, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Istanbul University, Faculty of Science, Department of Mathematics, 2018 - Continues

Assistant Professor, Istanbul University, Faculty of Science, Department of Mathematics, 2016 - 2018

Lecturer PhD, Ted University, Temel Bilimler Birimi, Temel Bilimler Birimi, 2015 - 2016

Research Assistant, University of Birmingham, Faculty Of Science, School Of Mathematics, 2011 - 2015

Research Assistant, Tobb University Of Economics And Technology, Fen Fakültesi, Matematik Bölümü, 2006 - 2009

Courses

Differential Equations 2, Undergraduate, 2017 - 2018
Partial Differential Equations, Undergraduate, 2017 - 2018
Integral Calculus, Undergraduate, 2017 - 2018, 2016 - 2017
Lineer Cebir, Undergraduate, 2016 - 2017
Differential Equations 1, Undergraduate, 2017 - 2018
Matematik 2, Undergraduate, 2016 - 2017
Lineer Cebir, Undergraduate, 2016 - 2017
Analiz 2, Undergraduate, 2015 - 2016
Kombinatorik, Undergraduate, 2016 - 2017
Mathematics 1, Undergraduate, 2016 - 2017

Jury Memberships

Post Graduate, Yüksek Lisans Tez Savunma Jürisi, İstanbul Üniversitesi, July, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **BIFURCATION ANALYSIS OF A LOGISTIC PREDATOR-PREY SYSTEM WITH DELAY**
Celik C., Cekic G.
ANZIAM JOURNAL, vol.57, no.4, pp.445-460, 2016 (SCI-Expanded)
- II. **Gas absorption into a wavy two-layer falling film**
Cekic G., Sisoiev G. M.
AICHE JOURNAL, vol.61, no.6, pp.2058-2069, 2015 (SCI-Expanded)
- III. **On wave families in a two-layer falling film**
Cekic G., Sisoiev G. M.
INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS, vol.69, pp.45-54, 2015 (SCI-Expanded)
- IV. **Dominating wave regimes in a two-layer film flowing down a vertical wall**
Cekic G., Sisoiev G. M.
PHYSICS OF FLUIDS, vol.26, no.12, 2014 (SCI-Expanded)

Books & Book Chapters

- I. **Nonlinear wavy two-layer falling films**
ÇEKİÇ ÖZTEK G.
Lap Lambert Academic Publishing, Saarbrücken, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **İki katmanlı Film Akışlarında Dalga Dinamikleri**
ÇEKİÇ ÖZTEK G.
12. Ankara Matematik Günleri, Ankara, Turkey, 25 - 26 May 2017, pp.1
- II. **Attracting wave regimes for two layer falling films**
ÇEKİÇ G., Sisoiev G. M.
American Physical Society 69th Annual Division of Fluid Dynamics Conference, Portland, United States Of America, 20 - 22 November 2016, pp.432
- III. **Dominating waves in two-layer falling films**
ÇEKİÇ G.
British Applied Mathematics Colloquium, Cardiff, United Kingdom, 28 - 30 April 2014, pp.10

IV. Dominating wave regimes in two-layer liquid films

ÇEKİÇ G.

The International Advances in Applied Physics and Materials Science Congress and Exhibition, Muğla, Turkey, 23 - 27 April 2014, pp.1

V. Instabilities and nonlinear waves in two-layer film flowing down a vertical plane

ÇEKİÇ G.

American Physical Society 66th Annual Division of Fluid Dynamics Conference, Pittsburgh, United States Of America, 24 - 26 November 2013, pp.45

Supported Projects

ÇEKİÇ ÖZTEK G., SİSOEV G. M., Project Supported by Higher Education Institutions, Attracting wave regimes for two layer falling films, 2016 - 2017

Memberships / Tasks in Scientific Organizations

American Physical Society, Member, 2016 - Continues

London Mathematical Society, Member, 2014 - 2016

Scientific Refereeing

Physics of Fluids, SCI Journal, February 2018

Physics of Fluids, SCI Journal, March 2016

Metrics

Publication: 10

Citation (WoS): 3

Citation (Scopus): 4

H-Index (WoS): 1

H-Index (Scopus): 1

Congress and Symposium Activities

İki katmanlı Film Akışlarında Dalga Dinamikleri, Attendee, Turkey, 2017

Attracting wave regimes for two-layer falling films, Attendee, Oregon, United States Of America, 2016

Instabilities and nonlinear waves in two-layer film flowing down a vertical plane, Attendee, --Seçiniz--, United Kingdom, 2014

Dominating waves in two-layer falling films, Attendee, Cardiff, United Kingdom, 2014

Dominating wave regimes in two-layer liquid films, Attendee, Muğla, Turkey, 2014

Instabilities and nonlinear waves in two-layer film flowing down a vertical plane, Attendee, Pennsylvania, United States Of America, 2013