

Doç. Dr.

FURKAN SEMİH DÜNDAR

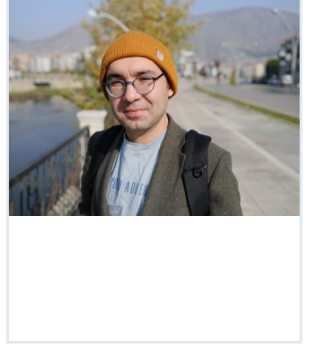
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Kurum: Mühendislik Fakültesi / Makine Mühendisliği Bölümü / Mekanik Anabilim Dalı

Uluslararası Araştırmacı ID'leri

YÖKSİS Araştırmacı ID: 243461



Eğitim Bilgileri

- I. BOĞAZİÇİ ÜNİVERSİTESİ · Doktora · Yurt İçi · 2016–2018 · FEN BİLİMLERİ ENSTİTÜSÜ · FİZİK (DR) · Quantum phenomena and shape dynamics (2016–2018)
- II. ORTA DOĞU TEKNİK ÜNİVERSİTESİ · Yüksek Lisans · Yurt İçi · 2012–2014 · FEN BİLİMLERİ ENSTİTÜSÜ · FİZİK (YL) (TEZLİ) (İNGİLİZCE) · The firewall paradox (2012–2014)
- III. İHSAN DOĞRAMACI BİLKENT ÜNİVERSİTESİ · Lisans · Yurt İçi · 2007–2012 · FEN FAKÜLTESİ · FİZİK BÖLÜMÜ (2007–2012)

Araştırma Alanları

Fen Bilimleri ve Matematik Temel Alanı · Fizik · Matematiksel Fizik

Makaleler

- I. Modelling a class of functions via freeform lens design (2026)
ZAFER TALHA, DÜNDAR FURKAN SEMİH, ÖRNEK BÜLENT NAFİ
- II. Two Parameter Deformed Dirac Oscillator in 3-Minkowski Space-time (2025)
DÜNDAR FURKAN SEMİH, ARIKAN ALİ SERDAR
- III. A physical classification of Killing magnetic fields in Thurston geometries (2025)
DÜNDAR FURKAN SEMİH, KELEKÇİ ÖZGÜR, AYAR GÜLHAN
- IV. Parabolic Numbers: A New Perspective (2024)
DÜNDAR FURKAN SEMİH
- V. Modelling Real Valued Functions via Optical Lenses (2024)
DÜNDAR FURKAN SEMİH
- VI. A Case Study for Leibnizian Ideas in Wolfram Model (2024)
DÜNDAR FURKAN SEMİH
- VII. Classification of Killing magnetic curves in H^3 (2023)
KELEKÇİ ÖZGÜR, DÜNDAR FURKAN SEMİH, AYAR GÜLHAN
- VIII. A Use of Elliptic Complex Numbers in Newtonian Gravity (2022)
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- IX. A Use of Variety as a Law of the Universe (2022)
DÜNDAR FURKAN SEMİH
- X. Qubit Representation of Motion on the 2D Plane (2021)
DÜNDAR FURKAN SEMİH
- XI. Contact Hamiltonian Description of 1D Frictional Systems (2021)
DÜNDAR FURKAN SEMİH, AYAR GÜLHAN
- XII. Contact Hamiltonian Description of Systems with Exponentially Decreasing Force and Friction that is Quadratic in Velocity (2020)
DÜNDAR FURKAN SEMİH
- XIII. An alternative approach to jerk in motion along a space curve with applications (2019)

XIV. Bohmian field theory on a shape dynamics background and Unruh effect (2018)

DÜNDAR FURKAN SEMİH,Arık Metin

XV. Bobillier Formula for the Elliptical Harmonic Motion (2018)

DÜNDAR FURKAN SEMİH,ERSOY SOLEY,Pereira Nuno T. Sa

XVI. Bohmian mechanics made Machian (2018)

DÜNDAR FURKAN SEMİH,Arık Metin

XVII. On the Non-Existence of Unbounded Discrete Space-Time (2018)

DÜNDAR FURKAN SEMİH,Arık Metin

XVIII. Quantum jump from singularity to outside of black hole (2016)

DÜNDAR FURKAN SEMİH,Hajian Kamal

Bildiriler

I. Leibniz'in Monadlarının Wolfram Model ile Temsili (2024)

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II. Modelling Real Valued Functions via Optical Lenses (2023)

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III. Maximal variety Leibnizian strings for large N (2022)

DÜNDAR FURKAN SEMİH

IV. Covid-19 and the Fibonacci Numbers (2020)

DÜNDAR FURKAN SEMİH

V. Invitation to Using n-Scale Calculus in Physics and Future Opportunities (2020)

DÜNDAR FURKAN SEMİH

VI. Massive Scalar Field Theory on Discrete n-Scales (2018)

DÜNDAR FURKAN SEMİH,Arık Metin

VII. Gravitational Collapse of a Spherically Symmetric Thin Shell of Dust in Shape Dynamics (2018)

DÜNDAR FURKAN SEMİH,Mirzaiyan Zahra,Arık Metin

VIII. The theory of n-scales (2017)

DÜNDAR FURKAN SEMİH

IX. Şekil Dinamiğine Davet (2017)

DÜNDAR FURKAN SEMİH

X. Quantum Shape Kinematics (2016)

DÜNDAR FURKAN SEMİH,TONGUÇ BARIŞ TAMER

XI. Firewall Paradox: An earthquake in physics (2015)

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Kitaplar

I. Kuantum 101 (2025)

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II. Kuantum Görelilik Kütleçekimi (2020)

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III. The Firewall Paradox What is wrong with quantum gravity (2016)

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Projeler

I. Wolfram Model Kapsamında Çeşitliliğin Rolünün Araştırılması (2022)

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II. Cosmological models and gravitational objects in modified theories of gravity (2016)

MIKHAIL SHEFTEL, METİN ARIK, AŞKIN ANKAY, FURKAN SEMİH DÜNDAR, AYŞE NİHAN KATIRCI