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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Elektrik-Elektronik Mühendisliği (Dr), Turkey
2005 - 2007

Postgraduate, Anadolu University, Institute Of Science, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 1985 - 1987

Undergraduate, Anadolu University, Faculty Of Engineering-Architecture, Department Of Electrical And Electronic Engineering, Turkey 1981 - 1985

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Bir ters sarkaç sistemi tasarımı ve gerçekleştirilmesi, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Elektrik-Elektronik Mühendisliği (Dr), 2007

Postgraduate, Sıfırdan dokuza kadar sayılar ve aç, kapat, kanal kelimelerini tanıyan kontrol sistemi, Anadolu University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 1987

Research Areas

Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ BÖLÜMÜ, 2016 - Continues

Research Assistant, Anadolu University, Faculty Of Engineering-Architecture, Department Of Electrical And Electronic Engineering, 1988 - 1990

Research Assistant, Anadolu University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering (English), 1985 - 1986

Courses

Postgraduate

MİNİ İHA SİSTEMLERİNE GİRİŞ, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

ELEKTRİKLİ CER SİSTEMLERİ, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Undergraduate

INTRODUCTION TO EMBEDDED SYSTEMS, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

INTRODUCTION TO MICROCOMPUTERS, Undergraduate, 2022 - 2023, 2019 - 2020, 2017 - 2018

DIGITAL SYSTEMS I (A), Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

DIGITAL SYSTEMS II (B), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

INTRODUCTION TO 3D MODELLING AND ANIMATION (A), Undergraduate, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017

COMPUTER PROGRAMMING, Undergraduate, 2018 - 2019, 2017 - 2018

INTRODUCTION TO PROGRAMMING, Undergraduate, 2019 - 2020, 2018 - 2019

INTRODUCTION TO MECHATRONICS, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

Introduction to Electrical and Electronics Engineering(A), Undergraduate, 2016 - 2017

Jury Memberships

Competition, Gökhan Dındış /Proje Fuarı ve Yarışması 2019, Eskişehir Teknik Üniversitesi, May, 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Object Recognition and Positioning with Neural Networks: Single Ultrasonic Sensor Scanning Approach**
Karagoz A., DINDİŞ G.
Sensors, vol.25, no.4, 2025 (SCI-Expanded)
- II. **Coating effects of a strain sensor on durability and sensitivity using the fiber loop ringdown spectroscopy technique**
KAYA B. M., ESENTÜRK O., AŞICI C., Sarac U., DINDİŞ G., BAYKUL M. C.
PHYSICA SCRIPTA, vol.99, no.5, 2024 (SCI-Expanded)
- III. **Improvement of some physical and magnetic properties of nanocrystalline Fe15-Ni85/ITO thin films by galvanostatic pretreatment process**
Saraç U., Baykul M. C., Dındış G., Trong D. N., Kaya B. M., Lan D. P., Long V. C., Tălu S.
MATERIALS TODAY COMMUNICATIONS, vol.35, 2023 (SCI-Expanded)
- IV. **An edge determination algorithm for exact computation of the frequency response of linear interval systems**
Dindis G., KARAMANCIOĞLU A.
TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, vol.40, no.3, pp.987-994, 2018 (SCI-Expanded)
- V. **A Self-learning Robust Swing-up algorithm**
DINDİŞ G., Karamancioglu A.
TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, vol.38, no.4, pp.395-401, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **LAGRANGIAN DESCRIPTION AND FINITE ELEMENT ANALYSIS OF RELUCTANCE ACCELERATOR**

CIRCUIT MODEL

Dindiş G.

Eskişehir Osmangazi Üniversitesi mühendislik ve mimarlık fakültesi dergisi (online), vol.28, no.2, pp.94-106, 2020 (Peer-Reviewed Journal)

II. Precise phase portrait construction for an inverted pendulum using cubic Bezier curves

DINDIŞ G., KARAMANCIOĞLU A.

Eskişehir Osmangazi Üniversitesi Mühendislik ve Mimarlık Fakültesi Dergisi, vol.28, no.2, pp.210-218, 2020 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. Object Recognition Using Deep Learning Algorithms and Ultrasonic Signals Derin Öğrenme Algoritmaları ve Ultrasonik Sinyaller Kullanılarak Nesne Tanıma**
Karagöz A., DINDIŞ G.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024
- II. A LOW COST TIME DOMAIN REFLECTOMETER (TDR) DESIGN FOR EDUCATIONAL USE**
ULUPINAR M. M., Çukul H., DINDIŞ G.
ISPEC 8. INTERNATIONAL CONFERENCE ON ENGINEERING NATURAL SCIENCESAt: Ankara, 12 - 14 June 2020
- III. A testbench for directivity and attenuation patterns of ultrasonic sensor arrays**
DINDIŞ G., KARAMANCIOĞLU A.
ISPEC 7th International Conference on Engineering and Natural Sciences, 8 - 10 May 2020
- IV. A comparison of fatline widths**
DINDIŞ G., KARAMANCIOĞLU A.
International congress on engineering and life science, Kastamonu, Turkey, 26 - 29 April 2018
- V. A test bench for electrical motor and a propeller components of a lightweight quadcopter**
DINDIŞ G., KARAMANCIOĞLU A.
International congress on engineering and life science, Kastamonu, Turkey, 26 - 29 April 2018
- VI. A Preliminary Study for a Non-Stop Cargo Transportation Concept for the Railroads**
DINDIŞ G., KARAMANCIOĞLU A.
International Symposium on Electrical Railway Transportation Systems, Eskişehir, Turkey, 27 - 28 October 2017, vol.1, pp.64-67
- VII. Energy Optimal Quadrotor Stabilization Using PD control obtained by BB-BC Algorithm**
AŞKIN B., KESKİN K., DINDIŞ G., KARAMANCIOĞLU A.
", International Conference of Applied Sciences, Engineering and Mathematics, Struga-Ohrid, Macedonia, 5 - 07 May 2017, vol.1, pp.91
- VIII. An accurate line detection by a novel line follower sensor output processing method**
DINDIŞ G., KARAMANCIOĞLU A.
4-th International Symposium on Innovative Technologies in Engineering and Science, Antalya, Turkey, 03 November 2016, pp.1145-1154
- IX. A tighter fatline formula for cubic Bezier curves**
DINDIŞ G., KARAMANCIOĞLU A.
1st International Conference on Engineering Technology and Applied Sciences, Afyonkarahisar, Turkey, 21 - 22 April 2016
- X. A cost based approach for exact computation of the frequency response of linear interval systems**
Dindiş G., Karamancioğlu A.
1st International Conference on Engineering Technology and Applied Sciences, Afyonkarahisar, Turkey, 21 - 22 April 2016

Supported Projects

Dımdıř G., TUBITAK Project, Yeraltı Y¼ksek Gerilim Hatlarında TDR Teknięi ile Hata Yeri Tesbit Eden Akıllı Cihaz Geliřtirilmesi (KABLO RADARI), 2019 - 2021

Yazıcı A., Sarıççek İ., Edizkan R., Dımdıř G., TUBITAK Project, Otomotiv End¼strisi iin Akıllı Üretim Yönetim Sistemi - IoToPro, 2018 - 2021

KARAMANCIOęLU A., DINDIř G., Project Supported by Higher Education Institutions, Quadratör Konum Kontrolü, 2017 - 2017

Patent

Kaya B. M., Dımdıř G., ELEKTRİKSEL KAVİTE DÖNGÜ SÖNÜMLEME TEKNİęİ (EKDST), Patent, CHAPTER G Physics, The Invention Registration Number: 2023/005719 , Standard Registration, 2024

DINDIř G., Identification of a distribution of transformers and fault location in primary underground loop systems, Patent, CHAPTER G Physics, 2014

Activities in Scientific Journals

Eskiřehir Osmangazi Üniversitesi Mühendislik Mimarlık Fak¼ltesi Dergisi, Assistant Editor/Section Editor, 2020 - Continues

Metrics

Publication: 17

Citation (WoS): 2

Citation (Scopus): 8

H-Index (WoS): 1

H-Index (Scopus): 2

Non Academic Experience

Mobot, Mobil Robot Teknolojileri Ltd., ODTÜ TEKNOKENT, řirket kurucusu

HDW Electronics Inc., USA, AR-GE mühendisi

ASELSAN, AR-GE Mühendisi