

## Asst. Prof. GÖKHAN DINDİŞ

### Personal Information

**Fax Phone:** [+90 0222 239 3750](tel:+9002222393750)

**Email:** [gdindis@ogu.edu.tr](mailto:gdindis@ogu.edu.tr)

**Web:** <https://avesis.ogu.edu.tr/gdindis>

### International Researcher IDs

ORCID: 0000-0001-5642-7212

Yoksis Researcher ID: 254664

### 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

MİNİ İHA SİSTEMLERİNE GİRİŞ, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
COMPUTER PROGRAMMING, Undergraduate, 2017 - 2018  
INTRODUCTION TO PROGRAMMING, Undergraduate, 2017 - 2018  
Introduction to Mechatronics, Undergraduate, 2017 - 2018, 2016 - 2017  
INTRODUCTION TO 3D MODELLING AND ANIMATION, Undergraduate, 2017 - 2018  
INTRODUCTION TO EMBEDDED SYSTEMS, Undergraduate, 2017 - 2018  
DIGITAL SYSTEMS II, Undergraduate, 2017 - 2018  
INTRODUCTION TO MICROCOMPUTERS, Undergraduate, 2017 - 2018  
DİGİTAL SYSTEMS I, Undergraduate, 2017 - 2018  
ELEKTRİKLİ CER SİSTEMLERİ, Postgraduate, 2017 - 2018, 2016 - 2017  
Introduction to Electrical and Electronics Engineering, 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. **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., DINDIŞ G., BAYKUL M. C.  
PHYSICA SCRIPTA, vol.99, no.5, 2024 (SCI-Expanded)
- II. **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)
- III. **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)
- IV. **A Self-learning Robust Swing-up algorithm**  
DINDIŞ 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, 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)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Object Recognition Using Deep Learning Algorithms and Ultrasonic Signals Derin Öğrenme Algoritmaları ve Ultrasonik Sinyaller Kullanılarak Nesne Tanıma**  
Karagöz A., DINDİŞ 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., DINDİŞ 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**  
DINDİŞ G., KARAMANCIOĞLU A.  
ISPEC 7th International Conference on Engineering and Natural Sciences, 8 - 10 May 2020
- IV. **A comparison of fatline widths**  
DINDİŞ 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**  
DINDİŞ 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**  
DINDİŞ 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., DINDİŞ 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**  
DINDİŞ 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**  
DINDİŞ 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**  
Dındış G., Karamancıoğlu A.  
1st International Conference on Engineering Technology and Applied Sciences, Afyonkarahisar, Turkey, 21 - 22 April 2016

## Supported Projects

Dındış G., TUBITAK Project, Yeraltı Yüksek Gerilim Hatlarında TDR Tekniği ile Hata Yeri Tesbit Eden Akıllı Cihaz Geliştirilmesi (KABLO RADARI), 2019 - 2021

Yazıcı A., Sarıççek İ., Edizkan R., Dındış G., TUBITAK Project, Otomotiv Endüstrisi için Akıllı Üretim Yönetim Sistemi - IoToPro, 2018 - 2021

KARAMANCIOĞLU A., DINDİŞ G., Project Supported by Higher Education Institutions, Quadrator Konum Kontrolü, 2017 - 2017

## **Patent**

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

## **Activities in Scientific Journals**

Eskişehir Osmangazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, Assistant Editor/Section Editor, 2020 - Continues

## **Metrics**

Publication: 16

Citation (WoS): 2

Citation (Scopus): 7

H-Index (WoS): 1

H-Index (Scopus): 2

## **Non Academic Experience**

Mobot, Mobil Robot Teknolojileri Ltd., ODTÜ TEKNOKENT

HDW Electronics Inc., USA

ASELSAN