

Assoc. Prof. KAMİL ORMAN

Personal Information

Office Phone: [+90 446 224 0088](tel:+904462240088) Extension: 43024

Fax Phone: [+90 446 224 0077](tel:+904462240077)

Email: korman@erzincan.edu.tr

Web: <https://avesis.ebyu.edu.tr/korman>

International Researcher IDs

ScholarID: DT2-I08AAAAJ

ORCID: 0000-0002-7236-9988

Publons / Web Of Science ResearcherID: B-7347-2017

ScopusID: 57191597435

Yoksis Researcher ID: 39080

Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği/Kontrol Ve Kumanda, Turkey
2011 - 2018

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği/Elektrik Makinaları, Turkey
2005 - 2008

Undergraduate, Selcuk University, Faculty Of Engineering-Architecture, Elektrik-Elektronik Mühendisliği, Turkey 1989 -
1996

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Application Of Adaptive Fuzzy Fractional Order Sliding Mode Control Structure To The Control Of Unmanned Vehicles, Ataturk University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği / Kontrol Ve Kumanda Sistemleri, 2018

Postgraduate, Current Observer and Speed Estimation for Permanent Magnet Synchronous Motors, Ataturk University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği/Elektrik Makinaları, 2008

Research Areas

Control and System Engineering, Simulation, Modelling and Identification, Distributed Control Systems, Controllers, Nonlinear Systems, Status Observers and Estimation, Checker, Discrete Time Systems and Computer Control, Optimal Control, Robotics and Mechatronics Systems, Field and Service Robots, Mechatronic Systems, Micro and Nano Robots, Route and Motion Planning, Electrical and Electronics Engineering, Electronic Circuits

Academic Titles / Tasks

Associate Professor, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği Bölümü, 2023 - Continues

Assistant Professor, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği Bölümü, 2018 - 2023

Lecturer, Erzincan Binali Yildirim University, Meslek Yüksekokulu, Elektronik ve Otomasyon Bölümü, 2006 - 2018

Lecturer, Ataturk University, Erzincan Meslek Yüksekokulu, Elektronik Haberleşme Programı, 1998 - 2006

Academic and Administrative Experience

Vice Dean, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, 2025 - Continues

Director of Vocational School, Erzincan Binali Yildirim University, Tercan Meslek Yüksekokulu, 2018 - Continues

Head of Department, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği Bölümü, 2022 - 2025

Deputy Director of the Center, Erzincan Binali Yildirim University, Rektörlük, Sürekli Eğitim Uygulama ve Araştırma Merkezi, 2009 - 2010

Koordinatör, Erzincan Binali Yildirim University, Rektörlük, Proje Koordinasyon Ve Eğitim Koordinatörlüğü, 2007 - 2010

Program Koordinatörü, Erzincan Binali Yildirim University, Meslek Yüksekokulu, Elektronik Ve Otomasyon Bölümü, 2006 - 2009

Program Koordinatörü, Ataturk University, Elektronik Haberleşme Programı, 2002 - 2006

Courses

Autonomous Vehicle, Postgraduate, 2021 - 2022

Robotic, Undergraduate, 2021 - 2022, 2020 - 2021

Graduation Project - 2, Undergraduate, 2021 - 2022

Modern Information Technologies, Undergraduate, 2020 - 2021, 2019 - 2020

Graduation Project - 1, Undergraduate, 2021 - 2022

Microprocessors and Microcontrollers, Undergraduate, 2021 - 2022

Robotics and Robot Control, Postgraduate, 2021 - 2022

Computer Engineering Design, Undergraduate, 2021 - 2022

Automatic control, Undergraduate, 2021 - 2022, 2020 - 2021

Mathematical Modeling, Undergraduate, 2020 - 2021, 2019 - 2020

Energy and Environment, Associate Degree, 2019 - 2020, 2018 - 2019

Entrepreneurship, Associate Degree, 2020 - 2021, 2019 - 2020

Computer Programming, Undergraduate, 2019 - 2020, 2018 - 2019

Computer Applications in Pharmacy, Undergraduate, 2019 - 2020

Basic Electronics, Undergraduate, 2019 - 2020, 2018 - 2019

Electrical Installations, Associate Degree, 2017 - 2018

Radio / Frequency Technique, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001, 1999 - 2000, 1998 - 1999

Quality Assurance and Standards, Associate Degree, 2017 - 2018

Project Cycle Management Training, Associate Degree, 2017 - 2018

Information and Communication Technologies, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

System Analysis and Design - 2, Associate Degree, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014

Scada Systems, Associate Degree, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2012 - 2013

Use of Basic Information Technologies, Undergraduate, 2018 - 2019

Alalog Communication, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004

Unmanned Aerial and Ground Vehicles, Associate Degree, 2017 - 2018

Office Programs, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013

Developing Communication Technologies, Associate Degree, 2016 - 2017, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001, 1999 - 2000, 1998 - 1999

Information Networks and Data Communication, Associate Degree, 2016 - 2017

Industrial Robots, Associate Degree, 2017 - 2018

System Analysis and Design - 1, Associate Degree, 2017 - 2018, 2016 - 2017, 2010 - 2011

Medical Electronics, Associate Degree, 2015 - 2016

Computer Aided Design, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Measurement Technique, Associate Degree, 2016 - 2017, 2014 - 2015, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Radio and TV Technique, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001, 1999 - 2000, 1998 - 1999

Led Lighting Applications, Associate Degree, 2015 - 2016

Circuit Drawing and Simulation with Computer, Associate Degree, 2015 - 2016

Computer Hardware, Associate Degree, 2016 - 2017, 2014 - 2015

Telephone Communication and Switching Systems, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001, 1999 - 2000, 1998 - 1999

Satellite Communication and Cellular Communication, Associate Degree, 2014 - 2015, 2010 - 2011, 2009 - 2010

Communication Technologies, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014

Digital Communication, Associate Degree, 2014 - 2015, 2013 - 2014, 2012 - 2013

Computer - 1, Associate Degree, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Computer - 2, Undergraduate, 2012 - 2013, 2011 - 2012

Antennas and Microwave Technology, Associate Degree, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003

Computerized Data Acquisition and Control, Associate Degree, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Industrial Electronics Applications, Associate Degree, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

WEB Design Fundamentals, Associate Degree, 2011 - 2012

Computer - 3, Associate Degree, 2011 - 2012

Basic Electronics, Associate Degree, 2010 - 2011, 2009 - 2010

Alternating Current Circuit Analysis, Associate Degree, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

Use of computer, Associate Degree, 2010 - 2011

Electronic Measurement Technology and Occupational Safety, Associate Degree, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Fiber Optic Communication, Associate Degree, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003

Direct Current Circuit Analysis, Associate Degree, 2009 - 2010, 2008 - 2009, 2007 - 2008

Automatic control, Associate Degree, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

Power Electronics, Associate Degree, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001, 1999 - 2000, 1998 - 1999

Basic Instrumentation, Associate Degree, 2001 - 2002, 2000 - 2001, 1999 - 2000, 1998 - 1999

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Special Memristor and Memristor-Based Compact Neuron Circuit**
Altan M. A., ORMAN K., BABACAN Y., Yesil A.
Journal of Circuits, Systems and Computers, vol.33, no.5, 2024 (SCI-Expanded)
- II. **Electronically Controllable Fully Floating Memcapacitor Circuit**
Gur M., AKAR F., ORMAN K., BABACAN Y., Yesil A., GÜL F.
Circuits, Systems, and Signal Processing, vol.42, no.11, pp.6481-6493, 2023 (SCI-Expanded)
- III. **DDCC-based meminductor circuit with hard and smooth switching behaviors and its circuit implementation**
ORMAN K., Yesil A., BABACAN Y.
Microelectronics Journal, vol.125, 2022 (SCI-Expanded)
- IV. **Design of a Memristor-Based 2-DOF PI Controller and Testing of Its Temperature Profile Tracking in a Heat Flow System**
Orman K.
IEEE ACCESS, vol.10, no.10, pp.98384-98390, 2022 (SCI-Expanded)
- V. **The Implementation of Logic Gates Using Only Memristor Based Neuristor**
ORMAN K., BABACAN Y.
Informacije MIDEM, vol.51, no.2, pp.113-117, 2021 (SCI-Expanded)
- VI. **Design of a memristor-based chattering free sliding mode controller and speed control of the bldc motor**
ORMAN K.
Tehnicki Vjesnik, vol.28, no.3, pp.754-762, 2021 (SCI-Expanded)
- VII. **A New Read/Write Circuit Based on Memristor Emulator**
ORMAN K.
INTERCIENCIA, vol.45, no.9, pp.24-33, 2020 (SCI-Expanded)
- VIII. **A Fractional-Order Sliding Mode Controller Design for Trajectory Tracking Control of an Unmanned Aerial Vehicle**
CAN K., ORMAN K., BAŞÇI A., Derdiyok A.
ELEKTRONIKA IR ELEKTROTEHNIKA, vol.26, no.4, pp.4-10, 2020 (SCI-Expanded)
- IX. **An Adaptive-Fuzzy Fractional-Order Sliding Mode Controller Design for an Unmanned Vehicle**
ORMAN K., CAN K., BAŞÇI A., Derdiyok A.
ELEKTRONIKA IR ELEKTROTEHNIKA, vol.24, no.2, pp.12-17, 2018 (SCI-Expanded)
- X. **Trajectory Tracking Control of a Four Rotor Unmanned Aerial Vehicle Based on Continuous Sliding Mode Controller**
BAŞÇI A., CAN K., ORMAN K., Derdiyok A.
ELEKTRONIKA IR ELEKTROTEHNIKA, vol.23, no.3, pp.12-19, 2017 (SCI-Expanded)
- XI. **Speed and Direction Angle Control of Four Wheel Drive Skid-Steered Mobile Robot by Using Fractional Order PI Controller**
ORMAN K., BAŞÇI A., Derdiyok A.
ELEKTRONIKA IR ELEKTROTEHNIKA, vol.22, no.5, pp.14-19, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Design, Simulation and Comparison of Controllers for Temperature Profile Tracking Control of a Heat Flow System**
Can K., Sekban H. T., Orman K., Başçı A.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.2, pp.828-838, 2020 (Peer-Reviewed Journal)
- II. **Pavlov's Dog: A Simple Circuit Implementation using a Volatile Memristor**
ORMAN K.

ELECTRICA, vol.20, no.1, pp.81-85, 2020 (ESCI)

- III. **Temperature Profile Tracking Control with Memristor Based PI Controller in the Heat Flow System**
ORMAN K.
International Journal of Modern Research in Engineering and Technology (IJMRET), vol.4, no.12, pp.12-15, 2019
(Peer-Reviewed Journal)
- IV. **Real-Time Speed Control of BLDC Motor Using Adaptive Fuzzy Fractional Sliding Mode Controller**
ORMAN K.
INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS, ELECTRONICS AND COMPUTERS, vol.6, no.4, pp.45-52,
2018 (Peer-Reviewed Journal)
- V. **İnsansız Hava Aracının (İHA) Kesir Dereceli Kayan Kipli Kontrolcü ile Yörünge Kontrolü**
ORMAN K., DERDİYOK A.
Gaziosmanpaşa Bilimsel Araştırma Dergisi, vol.7, no.1, pp.43-54, 2018 (Peer-Reviewed Journal)
- VI. **Speed and Direction Angle Control of Four Wheel Drive Skid Steered Mobile Robot by Fractional Order Sliding-Mode Control**
ORMAN K., DERDİYOK A.
Bilge International Journal of Science and Technology Research, vol.1, pp.38-46, 2017 (Peer-Reviewed Journal)
- VII. **Real Time Speed Control of BLDC Motor Based On Fractional Sliding Mode Controller**
ORMAN K., can k., başcı a., derdiyok a.
International Journal of Applied mathematics and computer, Electronics and Computers, no.4, pp.314-318, 2016
(Peer-Reviewed Journal)
- VIII. **AKTİF İŞGÜCÜ PROGRAMLARI VE İLİÇ ÖRNEĞİ**
YÜCEL E., ÇETİN M., DEMİRCİ A., ORMAN K.
İSTİHDAM'DA 3 İ (İŞKUR), vol.2, no.15, pp.78-81, 2015 (Peer-Reviewed Journal)
- IX. **Sürekli Eğitim Merkezlerinin İllerimizdeki Hizmet Sektörü ve Yerel Ekonomilerin Gelişimine Etkileri**
ÇETİN M., ORMAN K.
Ulusal Sürekli Eğitim Merkezleri Toplantısı Ege Üniversitesi, vol.1, no.1, pp.11-16, 2010 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Mobil Uygulama İle Domates Yaprak Görüntülerinden Hastalık Teşhisi**
Seçgel O., ORMAN K.
in: Pratik Yapay Zeka Uygulamaları 1, GÜLBANDILAR EYYÜP, Editor, BİDGE Yayınları, Ankara, pp.182-198, 2024
- II. **Deep Learning Approaches For Accurate And Efficient Classification Of Eye Diseases**
ORMAN K., AYDIN Y.
in: Practical Artificial Intelligence Applications 2, GÜLBANDILAR EYYÜP, Editor, BİDGE Yayınları, Ankara, pp.39-48,
2024
- III. **DRONE VE YAPAY ZEKA DESTEKLİ GÖRÜNTÜ İŞLEME TEKNİKLERİ KULLANILAN BİTKİ TANIMA SİSTEMLERİ**
Kılıç B. E., Güneş E. B., ORMAN K.
in: Mühendislik Bilimlerinde Güncel Araştırmalar: Araştırma, Metodoloji ve Yenilik, KAVAK DUYGU, KILIÇER ALİ,
Editor, Livre de Lyon, Lyon, pp.265-278, 2024
- IV. **YAPAY ZEKA DESTEKLİ DİL ÖĞRENME UYGULAMASI LANG-AI**
Alıcı E., ORMAN K.
in: Mühendislik Bilimlerinde Güncel Araştırmalar: Araştırma, Metodoloji ve Yenilik, KAVAK DUYGU, KILIÇER ALİ,
Editor, Livre de Lyon, Lyon, pp.341-354, 2024
- V. **Yer Etkili Hava Araçlarının İncelenmesi**
AL MAATOQ T. A. T., ORMAN K.
in: Modern Elektrik Teknolojileri: Tasarım, Optimizasyon ve Güvenlik II, Prof. Dr. Eyyüp GÜLBANDILAR, Editor,
BİDGE Yayınları, Ankara, pp.5-19, 2023
- VI. **Çelik Boru Kaynaklarında Oluşan Hataların Tespitinde Yeni Yöntemler**

MERAL M., ORMAN K.

in: Akıllı Sistemlerin Endüstriyel Uygulaması-2, Prof. Dr. Eyyüp GÜLBANDILAR, Editor, BİDGE Yayınları, Ankara, pp.109-121, 2023

VII. **Görüntü İşleme Yöntemleri Kullanılarak Araçlar İçin Akıllı Park Sistemi Tasarımı**

Türkeş M. K., Akar F., Orman K.

in: Mühendislik Alanında Güncel Tartışmalar, Doç.Dr. Özlem Bideci, Editor, Platanus Publishing, Ankara, pp.127-140, 2022

VIII. **OTONOM KARA ARAÇLARINDAKİ GÖRÜŞ SİSTEMLERİNİN İNCELENMESİ**

Akar F., Orman K.

in: MÜHENDİSLİK VE MİMARLIK BİLİMLERİ Teori, Güncel Araştırmalar ve Yeni Eğilimler, Dr. Öğr. Üyesi Can Çivi Dr. Öğr. Üyesi Tuncay Yılmaz, Editor, IVPE, Cetinje, pp.22-29, 2020

IX. **Chapter VII - MEMORY CIRCUIT ELEMENTS AND APPLICATIONS**

ORMAN K., BABACAN Y.

in: ACADEMIC STUDIES IN ENGINEERING SCIENCES, Assoc. Prof. Dr. Halil İbrahim Kurt, Editor, LIVRE de LYON, Lyon, pp.77-101, 2020

Refereed Congress / Symposium Publications in Proceedings

I. **Modeling and Altitude Control of the Ground Effect Vehicle**

AL MAATOQ T. A. T., ORMAN K.

7th International Conference on Advances in Natural and Applied Sciences (ICANAS 2024), Antalya, Turkey, 17 - 20 April 2024, vol.7, pp.238-245

II. **Memristor Based 2 dof PID Controller Design and Speed Control Test in DC Motor**

Orman K.

Global Conference on Engineering Research (GLOBECER'21), Balıkesir, Turkey, 2 - 05 June 2021, vol.1, pp.754-755

III. **Memristor Based PD Controller Design and Application on A Ball And Beam Control System**

Orman K.

International Conference on Engineering Technologies ICENTE 2020, Konya, Turkey, 19 - 21 November 2020, pp.143-146

IV. **Adaptive Fuzzy Fractional Order Sliding Mode Control in Trajectory Tracking of a Quadrotor**

ORMAN K.

7th International Conference on Advanced Technology & Sciences ICAT'18, Antalya, Turkey, 28 April - 01 May 2018, pp.253-259

V. **Real-Time Implementation of an Adaptive Fuzzy Fractional Sliding Mode Control for Speed Control of BLDC Motor**

ORMAN K.

7th International Conference on Advanced Technology & Sciences ICAT'18, Antalya, Turkey, 28 April - 01 May 2018, pp.246-252

VI. **Kesir Dereceli Kayan Kipli Kontrolcü ile Dört Rotorlu İnsansız Hava Aracının (İHA) Yörünge Kontrolü**

ORMAN K., DERDİYOK A.

ISMSIT 2017 1st International Symposium on Multidisciplinary Studies and Innovative Technologies, Tokat, Turkey, 2 - 04 November 2017, vol.1, pp.285

VII. **Dört Teker Tahrikli Kayarak Yönlendirilen Mobil Robotun Gövde Hızı ve Yönelme Açısının Kesir Dereceli Kayan Kipli Kontrolcü İle Kontrolü**

ORMAN K., DERDİYOK A.

ISMSIT 2017 1st International Symposium on Multidisciplinary Studies and Innovative Technologies, Tokat, Turkey, 2 - 04 November 2017, vol.1, pp.275

VIII. **Speed and Direction Angle Control of Four Wheel Drive Skid-Steered Mobile Robot by Fractional Order Sliding-Mode Control**

ORMAN K, DERDİYOK A.

International Symposium on Multidisciplinary Studies and Innovative Technologies, Tokat, Turkey, 2 - 04 November 2017, pp.275

- IX. Trajectory Tracking Control of a Four-Rotor Unmanned Aerial Vehicle (UAV) Using Fractional Order Sliding-Mode Control**
ORMAN K, DERDİYOK A.
International Symposium on Multidisciplinary Studies and Innovative Technologies, Tokat, Turkey, 2 - 04 November 2017, pp.285
- X. Trajectory Tracking Control of a Four Rotor Unmanned Aerial Vehicle Based on Continuous Sliding Mode Controller**
başçı a., can k., ORMAN K., DERDİYOK A.
Electronics 2017, Palanga, Lithuania, 19 - 21 June 2017, pp.1
- XI. Dört Rotorlu Bir Mikro İnsansız Hava Aracının (İHA) İki Serbestlik Dereceli PI Kontrolcü ile Yörünge Takibinin Gerçekleştirilmesi**
CAN K., ORMAN K., BAŞÇI A., DERDİYOK A.
ELECO 2016, Elektrik - Elektronik ve Bilgisayar Mühendisliği Sempozyumu, Bursa, Turkey, 1 - 03 December 2016
- XII. Trajectory tracking control of a four rotor unmanned aerial vehicle (UAV) using two degree of freedom PI controller**
can k., ORMAN K., başçı a., derdiyok a.
ELECO 2016, Elektrik - Elektronik ve Bilgisayar Mühendisliği Sempozyumu, IEEE Proceeding, Bursa, Turkey, 1 - 03 December 2016, pp.682-686
- XIII. Kesir Dereceli PI Kontrolcü ile BLDC Motorun Hız Kontrolü**
ORMAN K., başçı a., derdiyok a.
Otomatik Kontrol Ulusal Toplantısı, TOK'2016, Eskişehir, Turkey, 29 September - 01 October 2016, pp.471-475
- XIV. Dörtlü Tank Sıvı-Seviye Sisteminin Kesir Dereceli PI Kontrolcü ile Kontrolü**
sekban h. t., can k., ORMAN K., başçı a.
Otomatik Kontrol Ulusal Toplantısı, TOK'2016, Eskişehir, Turkey, 29 September - 01 October 2016, pp.634-638
- XV. Real Time Application Of Sliding Mode Controller For Coupled Tank Liquid Level System**
can k., sekban h. t., ORMAN K., başçı a.
International Conference on Advanced Technology & Sciences ICAT'16, Konya, Turkey, 1 - 03 September 2016, pp.162
- XVI. Real Time Speed Control of BLDC Motor Based On Fractional Sliding Mode**
ORMAN K., can k., başçı a., derdiyok a.
International Conference on Advanced Technology & Sciences ICAT'16, Konya, Turkey, 1 - 03 September 2016, pp.666-671
- XVII. Speed and Direction Angle Control of Four Wheel Drive Skid Steered Mobile Robot by Using Fractional Order PI Controller**
ORMAN K., başçı a., derdiyok a.
20th INTERNATIONAL CONFERENCE - ELECTRONICS 2016, Palanga, Lithuania, 13 - 15 June 2016, pp.1
- XVIII. Kalman Filtresi ile PI Kontrolün Mikro İHA'nın Gerçek Zamanlı Yörünge Takibine Uygulanması**
ORMAN K., DERDİYOK A.
TOK'15 Otomatik Kontrol Ulusal Toplantısı Pamukkale Üniversitesi, Denizli, Turkey, 10 - 12 September 2015
- XIX. Mikro İHA'nın Gerçek Zamanlı Yörünge Kontrolü**
ORMAN K., DERDİYOK A.
TOK'15 Otomatik Kontrol Ulusal Toplantısı, Pamukkale Üniversitesi, Denizli, Turkey, 10 - 12 September 2015, pp.556-560
- XX. Kalman Filtresi ile PI Kontrolün Mikro İnsansız Hava Aracı'nın Gerçek Zamanlı Yörünge Takibine Uygulanması**
ORMAN K., DERDİYOK A.
TOK'15 Otomatik Kontrol Ulusal Toplantısı Pamukkale Üniversitesi, Denizli, Turkey, 10 - 12 September 2015, pp.598-602

- XXI. **Sürekli Eğitim Merkezlerinin İllerimizdeki Hizmet Sektörü ve Yerel Ekonomilerin Gelişimine Etkileri**
ÇETİN M., ORMAN K.
Ulusal Sürekli Eğitim Merkezleri Toplantısı, İzmir, Turkey, 30 April - 01 May 2010, pp.11-16
- XXII. **Erzincan Reflections of EU Grant Projects and Looking to the Future**
Çetin M., Orman K.
International Congress on Intercultural Dialogue and Education., Bursa, Turkey, 8 - 11 October 2009, pp.30
- XXIII. **Established in Underdeveloped Province of The Universities inThis Province Potential Impacts of The Project and Erzincan University Example.**
Orman K., Çetin M.
International Congress on Intercultural Dialogue and Education., Bursa, Turkey, 8 - 11 October 2009, pp.31
- XXIV. **Gelişmemiş İllerde Kurulan Üniversitelerin; Üniversite-Sanayi İşbirliğinde Sanayileşmiş İller ve Üniversitelerinden Beklentileri**
ÇETİN M., ORMAN K.
Üniversite-Sanayi İşbirliği Ulusal Kongresi, Eskişehir, Turkey, 7 - 08 May 2009, pp.203-210
- XXV. **Sürekli Mıknatıslı Doğru Akım Motorları İçin Akım Gözetleyici ve Hız Kestirimi**
ORMAN K., DERDİYOK A.
ELECO 2008, Elektrik - Elektronik ve Bilgisayar Mühendisliği Sempozyumu, Bursa, Turkey, 26 - 30 November 2008
- XXVI. **Sürekli Mıknatıslı Eşzaman Motorları İçin Akım ve Hız Kestirimi**
ORMAN K., DERDİYOK A.
TOK'07 Otomatik Kontrol Ulusal Toplantısı, İstanbul, Turkey, 5 - 07 September 2007, vol.1, pp.397-400
- XXVII. **Sürekli Mıknatıslı Eşzaman Motorlar için Akı ve Hız Kestirimi**
ORMAN K., DERDİYOK A.
TOK'07 Otomatik Kontrol Ulusal Toplantısı, Sabancı Üniversitesi, İstanbul, Turkey, 5 - 07 September 2007, pp.397-400
- XXVIII. **IEEE 802 11b Kablosuz TCP IP Ağlarında Mikro Denetleyici ve Tümlleşik Web Sunucu Kullanılarak Bir Biyotelemetri Sistemi Geliştirilmesi**
BARAN A., KILAĞIZ Y., AKALTUN Y., ORMAN K.
Ağ ve Bilgi Güvenliği Ulusal Sempozyumu ve Sergisi, İstanbul, Turkey, 14 - 16 April 2005, pp.7-10

Supported Projects

CİMİLLİ ÇATIR F. E., ORMAN K., BOZKURT ÇIRAK B., AYHAN H., ILGIN F. Y., Project Supported by Higher Education Institutions, ELEKTRONİK VE OTOMASYON BÖLÜMÜ LABORATUVAR ALTYAPISININ YENİLENMESİ, 2016 - 2018
Orman K., Çetin M., AB IPA Project, Oto Tamirciliğinde Yenilikler Genç Kuşaklar ve Yeni Ufuklar Projesi, 2016 - 2017
Orman K., Derdiyok A., Project Supported by Higher Education Institutions, Acil Müdahale Anlarında Görüntü Ve Koordinat Aktarımı İçin İnsansız Hava Aracı ve Gürbüz Kontrol Algoritmalarının Geliştirilmesi (BAP- 2012/451), 2012 - 2014
Orman K., Derdiyok A., Başçı A., Project Supported by Higher Education Institutions, Geniş Bir Hız Aralığında Asenkron Motorlarda Hız ve Akı Tahmin Algoritmalarının Geliştirilmesi. ATAUNİ/BAP-2011, 2011 - 2013
Orman K., Akar F., EU Supported Other Project, Evde Hasta, Yaşlı ve Çocuk Bakım Elemanı Yetiştirme Projesi, 2010 - 2011

Metrics

Publication: 58
Citation (WoS): 20
Citation (Scopus): 75
H-Index (WoS): 3
H-Index (Scopus): 5

Non Academic Experience

Erzincan Valiliđi İl Planlama ve Koordinasyon Müdürlüğü Proje Ofisi
Other Public Institution, Erzincan Valiliđi