

Asst. Prof. NECATİ ÖZBEY

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAM-6180-2020

ScopusID: 57207450289

Yoksis Researcher ID: 40091

Education Information

Doctorate, Inonu University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2015 - 2020

Postgraduate, Inonu University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey 1999 - 2001

Undergraduate, Marmara University, Faculty Of Technical Education, Electric Education, Turkey 1985 - 1989

Dissertations

Doctorate, SEZGİSEL ALGORİTMALARLA KESİR DERECELİ PIDA DENETÇİ TASARIMI VE BOZUCU DIŞLAMA PERFORMANSININ İYİLEŞTİRİLMESİ, Inonu University, Fen Bilimleri Enstitüsü, 2020

Postgraduate, Kuvvetli Elektrik Alanı ve Gaz Boşalmaları Etkisiyle Yarı İletken ve Dielektrik Materyallerin Yüze Aktivasyonu, Inonu University, Fen Bilimleri Enstitüsü, Elektrik - Elektronik , 2001

Research Areas

Control and System Engineering, Electrical and Electronics Engineering, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Inonu University, Osb Meslek Yüksekokulu, Elektronik ve Otomasyon Bölümü, 2021 - Continues

Academic and Administrative Experience

Head of Department, Inonu University, 2020 - Continues

Director of Vocational School, Inonu University, Osb Meslek Yüksekokulu, Elektronik ve Otomasyon Bölümü, 2021 - 2022

Assistant Director of Vocational School, Inonu University, Osb Meslek Yüksekokulu, Elektronik ve Otomasyon Bölümü, 2020 - 2021

Inonu University, Malatya Myo, 2017 - 2019

Head of Department, Inonu University, 2011 - 2019

Courses

Dinamik Sistemlerin Analizi, Postgraduate, 2023 - 2024
Uzmanlık Alan Dersi, Undergraduate Double Major, 2023-2024
Uzmanlık Alan Dersi, Postgraduate, 2023 - 2024
Engineering Design Applications and Optimization, Postgraduate, 2022 - 2023
Analysis of Dynamic Systems, Postgraduate, 2023 - 2024
Mühendislik Tasarım Uygulamaları ve Optimizasyon, Postgraduate, 2023 - 2024
Dinamik Sistemlerin Analizi, Undergraduate Double Major, 2023-2024
Mühendislik Tasarım Uygulamaları ve Optimizasyon, Undergraduate Double Major, 2022-2023
Sistem Analizi ve Tasarımı, Associate Degree, 2022-2023
MATLAB AND ITS APPLICATIONS, Postgraduate, 2021 - 2022
Analog Haberleşme, Associate Degree, 2022-2023
Bilgisayar Destekli Devre Tasarımı, Associate Degree, 2022-2023
Elektronik II, Associate Degree, 2022-2023
MATLAB ve Uygulamaları, Undergraduate Double Major, 2022-2023
Arduino ile Programlama, Associate Degree, 2022-2023
Bilgisayar Destekli Devre Tasarımı, Associate Degree, 2021-2022
Sistem Analizi ve Tasarımı, Associate Degree, 2021-2022
SYSTEM ANALYSIS AND DESIGN, Associate Degree, 2021 - 2022
Elektronik II, Associate Degree, 2021-2022
MATLAB ve Uygulamaları, Undergraduate Double Major, 2021-2022
Electronic I, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
BİLGİSAYAR DESTEKLİ DEVRE TASARIMI, Associate Degree, 2019 - 2020
SİSTEM ANALİZİ VE TASARIMI I, Associate Degree, 2019-2020
SENSÖRLER VE DÖNÜŞTÜRÜCÜLER, Associate Degree, 2019-2020
Electronic II, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
SENSÖRLER VE DÖNÜŞTÜRÜCÜLER, Associate Degree, 2019 - 2020
ANALOG HABERLEŞME, Associate Degree, 2019-2020
SİSTEM ANALİZİ VE TASARIMI II, Associate Degree, 2019-2020
ELEKTRONİK I, Associate Degree, 2019-2020
ELEKTRONİK II, Associate Degree, 2019-2020
BİLGİSAYAR DESTEKLİ DEVRE TASARIMI, Associate Degree, 2019-2020
GELİŞEN HABERLEŞME TEKNOLOJİSİ, Associate Degree, 2018-2019
ANALOG HABERLEŞME, Associate Degree, 2018-2019
SİSTEM ANALİZİ VE TASARIMI I, Associate Degree, 2018-2019
BİLGİSAYAR DES. DEV. TASARIMI, Associate Degree, 2018-2019
BİLGİSAYA DESTEKLİ DEVRE TASARIMI, Associate Degree, 2018-2019
BİLGİSAYAR DESTEKLİ ÇİZİM, Associate Degree, 2018-2019
SİSTEM ANALİZİ VE TASARIMI II, Associate Degree, 2018-2019
SENSÖRLER VE DÖNÜŞTÜRÜCÜLER, Associate Degree, 2018-2019
ELEKTRONİK II, Associate Degree, 2018-2019
ELEKTRONİK I, Associate Degree, 2018-2019
SİSTEM ANALİZİ VE TASARIMI II, Associate Degree, 2015-2016
BİLGİSAYA DESTEKLİ DEVRE TASARIMI, Associate Degree, 2015-2016
ELEKTRONİK II, Associate Degree, 2015-2016
ANALOG HABERLEŞME, Associate Degree, 2015-2016
SENSÖRLER VE DÖNÜŞTÜRÜCÜLER, Associate Degree, 2015-2016
BİLGİSAYAR DESTEKLİ ÇİZİM, Associate Degree, 2015-2016
GELİŞEN HABERLEŞME TEKNOLOJİSİ, Associate Degree, 2015-2016
SİSTEM ANALİZİ VE TASARIMI I, Associate Degree, 2015-2016

ELEKTRONİK I, Associate Degree, 2015-2016
SENSÖRLER VE DÖNÜŞTÜRÜCÜLER, Associate Degree, 2014-2015
ELEKTRONİK II, Associate Degree, 2014-2015
SİSTEM ANALİZİ VE TASARIMI, Associate Degree, 2013-2014
GELİŞEN HABERLEŞME TEKNOLOJİSİ, Associate Degree, 2013-2014
BİLGİSAYAR DESTEKLİ DEVRE TASARIMI, Associate Degree, 2013-2014
ELEKTRONİK I, Associate Degree, 2013-2014
GELİŞEN HABERLEŞME TEKNOLOJİSİ, Associate Degree, 2012-2013
ELEKTRONİK I, Associate Degree, 2012-2013
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ELEKTRONİK I, Associate Degree, 2009-2010
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SİSTEM ANALİZİ VE TASARIMI, Associate Degree, 2008-2009
ELEKTRONİK I, Associate Degree, 2008-2009
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ELEKTRONİK I, Associate Degree, 2007-2008
BİLGİSAYAR DESTEKLİ DEVRE TASARIMI, Associate Degree, 2007-2008
GELİŞEN HABERLEŞME TEKNOLOJİSİ, Associate Degree, 2007-2008
SİSTEM ANALİZİ VE TASARIMI, Associate Degree, 2007-2008
GELİŞEN HABERLEŞME TEKNOLOJİSİ, Associate Degree, 2006-2007
BİLGİSAYAR DESTEKLİ DEVRE TASARIMI, Associate Degree, 2006-2007
BİLGİSAYAR DESTEKLİ DEVRE TASARIMI, Associate Degree, 2005-2006
BİLGİSAYAR DESTEKLİ DEVRE TASARIMI, Associate Degree, 2004-2005

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **2DOF multi-objective optimal tuning of disturbance reject fractional order PIDA controllers according to improved consensus oriented random search method**
Özbeş N., Yerođlu C., Alagoz B. B., Herencsar N., Kartci A., Sotner R.
Journal of Advanced Research, vol.25, pp.159-170, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Unconditional Optimization of Cylinder-Plane Corona Electrode System**
Alisoy G., Özbeş N., Ulusoy L., Alisoy H.
European Journal of Engineering and Applied Sciences, vol.6, no.2, pp.56-60, 2023 (Peer-Reviewed Journal)
- II. **The Visualization of Solutions to Electromagnetic Field Problems by Using Matlab**

Alisoy H., Akdeniz R., Özbey N.

European Journal of Engineering and Applied Sciences, vol.4, no.2, pp.61-65, 2021 (Peer-Reviewed Journal)

III. Proportional Integral Accelerator Controller Design and Theoretical Investigation of Disturbance Rejection Performance

Özbey N., Yeroğlu C.

Technium: Romanian Journal of Applied Sciences and Technology, vol.2, no.6, pp.112-121, 2020 (Peer-Reviewed Journal)

IV. PIDA Denetçilerin Bozucu Dışlama Performansının Teorik İncelenmesi

ÖZBEY N., YEROĞLU C., ALAGÖZ B. B.

Avrupa Bilim ve Teknoloji Dergisi, no.18, 2020 (Peer-Reviewed Journal)

V. Tabakalı kristallerde Termostimülasyon Depolarizasyon Akımlarının hesaplanması

ALİYEV H., FİLİNTE M. T., ÖZBEY N.

Journal of Science and Arts Faculty The Series of Natural Sciences (Phys), no.2, pp.66-68, 1997 (Peer-Reviewed Journal)

Books & Book Chapters

I. BİLGİSAYAR DESTEKLİ DEVRE TASARIM

ÖZBEY N.

Evin Ofset ve Matbaacılık, Malatya, 2020

Refereed Congress / Symposium Publications in Proceedings

I. SOS Algoritması ile Tasarlanan PIDA Denetçinin Bozucu Bastırma Etkisi

KARADENİZ E., ÖZBEY N., YEROĞLU C., KAHRAMAN H. T.

International Conference on Artificial Intelligence and Data Processing (IDAP 2018), 28 - 30 September 2018

II. PIDA Denetçi Parametrelerinin PSO Algoritması ile Belirlenmesi

DONUK K., ÖZBEY N., İNAN M., YEROĞLU C., HANBAY D.

International Conference on Artificial Intelligence and Data Processing (IDAP 2018), 28 - 30 September 2018

III. A Set-point Filter Type 2DOF Fractional Order PID Control System Design Scheme for Improved Disturbance Rejection Control

ÖZBEY N., ALAGÖZ B. B., YEROĞLU C.

Proceedings of International Conference on Fractional Differentiation and its Applications (ICFDA) 2018, Amman, Jordan, 16 - 18 July 2018

IV. Disturbance Rejection Effect of PIDA Controller Designed via SOS Algorithm

Karadeniz E., ÖZBEY N., YEROĞLU C., KAHRAMAN H. T.

International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018

V. Kuvvetli elektrik alanlarının dielektriklerin elektrik iletkenliğine etkisi

Alisoy H., Herdem S., Özbey N.

ELMEKSEM'97: Bursa IV. Elektromekanik Sempozyumu, Bursa, Turkey, 17 - 21 December 1997, pp.139-141

Metrics

Publication: 12

Non Academic Experience

MİLLİ EĞİTİM BAKANLIĞI

Gültekin San. ve Tic. A.Ş.