

Asst. Prof. MEHMET LATİF LEVENT

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: KAM-5062-2024

Yoksis Researcher ID: 192219

Education Information

Doctorate, Konya Technical University, Mühendislik Ve Doğa Bilimleri Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2016 - 2021

Postgraduate, Selcuk University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2013 - 2016

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Elektronik Ve Haberleşme Mühendisliği, Turkey 2006 - 2011

Dissertations

Doctorate, Zamanla değişen bir sistemin adaptif durum geribeslemelikontrolü, Konya Technical University, Mühendislik Ve Doğa Bilimleri Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2021

Postgraduate, Zamanla değişen doğrusal bir sistemin kalman filtresi ile tahmini ve bulanık yinelemeli öğrenmeli kontrolü, Selcuk University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2016

Academic Titles / Tasks

Assistant Professor, Hakkari University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2022 - Continues

Research Assistant, Hakkari University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2017 - 2022

Research Assistant, Selcuk University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2013 - 2017

Academic and Administrative Experience

Hakkari University, 2023 - Continues

Hakkari University, 2023 - Continues

Courses

Undergraduate

Yüksek Gerilim Tekniği, Undergraduate, 2021 - 2022

Mühendislik Ekonomisi, Undergraduate, 2021 - 2022

Otomatik Kontrol, Undergraduate, 2021 - 2022

Elektrik-Elektronik Ölçme Temelleri, Undergraduate, 2021 - 2022

Sayısal İşaret İşleme, Undergraduate, 2021 - 2022

Otomasyon Lab, Undergraduate, 2017 - 2018

Temel Elektrik ve Ölçme Lab., Undergraduate, 2017 - 2018

Temel Elektrik ve Ölçme Lab., Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Otomatik Kontrol Lab, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Supervised Theses

Mehmet Latif L., ISITMA SİSTEMLERİNİN AKILLI OTOMASYON SİSTEMLERİ İLE GELİŞTİRİLİP KONTROL EDİLMESİYLE ENERJİ VERİMLİLİĞİNDE MAKSİMUM FAYDA SAĞLANMASI, Postgraduate, E.AÇAR(Student), 2023

Articles Published in Other Journals

- I. **Kalman Filtresi ile Ayırık Zamanlı Durum Tahmini ve Zamanla Değişen Doğrusal Bir Sistemin Adaptif LQR Kontrolü**
LEVENT M. L., AYDOĞDU Ö., YÜCELBAŞ C.
Avrupa Bilim ve Teknoloji Dergisi, vol.0, pp.322-331, 2020 (Peer-Reviewed Journal)
- II. **Kalman State Estimation and LQR Assisted Adaptive Control Of a Variable Loaded Servo System**
Aydogdu O., LEVENT M. L.
Engineering, Technology and Applied Science Research, vol.9, no.3, pp.4125-4130, 2019 (Scopus)
- III. **Speed Control of a Variable Loaded DC Motor by Using Sliding Mode and Iterative Learning Control**
DURSUN E. H., LEVENT M. L., DURDU A., AYDOĞDU Ö.
International Journal of Electrical Energy, vol.5, no.1, pp.22-28, 2017 (Peer-Reviewed Journal)
- IV. **Optimal Power Flow and Load Flow Analysis with Considering Different DG Integration Rates**
ÜNEY M. Ş., ÇİMEN H., ÇETİNKAYA N., LEVENT M. L.
Asian Journal of Applied Science and Technology (AJAST), vol.1, no.9, pp.542-549, 2017 (Peer-Reviewed Journal)
- V. **Trajectory Control of a Variable Loaded Servo System by using Fuzzy Iterative Learning PID Control**
AYDOĞDU Ö., LEVENT M. L.
International Journal of Engineering Science and Computing, vol.6, no.12, pp.3628-3634, 2016 (Peer-Reviewed Journal)
- VI. **Greenhouse Automation using Wireless System**
AYTEKİN S. A., LEVENT M. L.
International Journal of Engineering Science and Computing, vol.6, no.12, pp.3785-3787, 2016 (Peer-Reviewed Journal)

Books

- I. **Investigating the Application Of AC-AC Conversion Techniques Through Matrix Converters to Linear Asynchronous Motors**
LEVENT M. L.
in: PIONEER AND INNOVATIVE STUDIES IN ELECTRICAL, ELECTRONIC AND COMMUNICATION ENGINEERING, ,
Editor, All Sciences Academy, pp.5-23, 2024

Papers Published in Refereed Scientific Meetings

- I. **Sliding Mode Control Design for Single DOF System**
LEVENT M. L., ÜNEY M. Ş.
2nd International Conference on Pioneer and Innovative Studies, Konya, Turkey, 30 - 31 January 2025, pp.282-287

- II. **Optimal Control for Single-DOF Robots: An MPC Approach**
LEVENT M. L., ÜNEY M. Ş.
2nd International Conference on Modern and Advanced Research, Konya, Turkey, 15 - 16 January 2025
- III. **Sistem Tanılama Model Uydurma Algoritmaları Kullanılarak Sistemin Optimal Kontrolü**
LEVENT M. L.
1st International Conference on Frontiers in Academic Research, Konya, Turkey, 18 - 21 February 2023, vol.1, pp.572-575
- IV. **Adaptive State Feedback Control Method Based Recursive Least Squares**
LEVENT M. L., AYDOĞDU Ö.
26th International Conference ELEKTRONİCS 2022, Palang, Bangladesh, 13 June 2022
- V. **Discrete Time State Estimation with Kalman Filter and Adaptive LQR Control of a Time Varying Linear System**
LEVENT M. L., AYDOĞDU Ö., YÜCELBAŞ C.
1st International Conference on Computer, Electrical and Electronics Sciences ICCEES 2020, Konya, Turkey, 08 October 2020, pp.57-58
- VI. **State Estimation with Reduced Order Observer and Adaptive-LQR Control of Time Varying Linear System**
AYDOĞDU Ö., LEVENT M. L.
24th International Conference ELEKTRONİCS 2020, Palang, Bangladesh, 15 June 2020
- VII. **Optimal Reactive Power Dispatch-A Review**
ÜNEY M. Ş., ÇETİNKAYA N., LEVENT M. L., ÇİMEN H.
International Advanced Researches Engineering Congress-2017, Osmaniye, Turkey, 16 - 18 November 2017, pp.1156
- VIII. **Control of Separately Excited DC Motor By Using DC Chopper**
LEVENT M. L., ÜNEY M. Ş., ASLAN M., ÇİMEN H.
International Advanced Researches and Engineering Congress, Osmaniye, Turkey, 16 - 18 November 2017, pp.1155
- IX. **Optimal Reactive Power Dispatch Problem Using Tree Seed Optimization Algorithm**
ÜNEY M. Ş., ASLAN M., ÇETİNKAYA N., LEVENT M. L.
International Advanced Researches Engineering Congress-2017, Osmaniye, Turkey, 16 - 18 November 2017, pp.1148-1149
- X. **Speed Control of DC Motor By Using Fuzzy PI Method**
LEVENT M. L., ÜNEY M. Ş., ASLAN M., ÇİMEN H.
International Advanced Researches Engineering Congress-2017, Osmaniye, Turkey, 16 - 18 November 2017, pp.1154
- XI. **Speed Control of a Variable Loaded DC Motor by using Sliding Mode and Iterative Learning Control**
DURŞUN E. H., LEVENT M. L., DURDU A., AYDOĞDU Ö.
9th International Conference on Computer and Electrical Engineering (ICCEE 2016), 7 - 11 December 2016
- XII. **Microcontroller Based Greenhouse Automation**
AYTEKİN S. A., LEVENT M. L.
3rd International Conference on Computational and Experimental Science and Engineering (ICCESEN 2016), Antalya, Turkey, 19 - 24 October 2016
- XIII. **Zamanla Değişen Servo Sistemin IL PID Metodu Kullanılarak Kontrolü**
LEVENT M. L., AYDOĞDU Ö.
1st International Conference on Engineering Technology and Applied Sciences (ICETAS), AFYON, Turkey, 21 - 22 April 2016, pp.848-853
- XIV. **PSoC İle Sera Otomasyonu**
LEVENT M. L., AYTEKİN S. A.
1st International Conference on Engineering Technology and Applied Sciences (ICETAS), AFYON, Turkey, 21 - 22 April 2016, pp.568-571

Supported Projects

LEVENT M. L., Zamanla Değişen Bir Sistemin Adaptif Durum Geri Beslemeli Kontrolü, 2020 - 2021

Metrics

Publication: 21

Citation (Scopus): 4

H-Index (Scopus): 1