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Personal Information

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International Researcher IDs

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Education

Doctorate, Abdullah Gul University, Fen Bilimleri Enstitüsü, -, Turkey 2019 - Continues

Postgraduate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, -, Turkey 2016 - 2019

Undergraduate Double Major, Erciyes University, Mühendislik Fakültesi, Mekatronik Mühendisliği, Turkey 2012 - 2015

Undergraduate, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, Turkey 2010 - 2015

Dissertations

Postgraduate, HABERLEŞME TABANLI TREN KONTROL SİSTEMLERİ İÇİN EMNİYETLİ FREN MESAFESİ HESABI, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, 2019

Research Areas

Electrical and Electronics Engineering, Power Electronics, Electrical Machine Theory and Design, Electric Motor Drivers, Engineering and Technology

Academic Positions

Research Assistant, Abdullah Gul University, Fen Bilimleri Enstitüsü, -, 2019 - Continues

Research Assistant, Nigde Omer Halisdemir University, Faculty Of Engineering, Department Of Computer Engineering, 2018 - 2019

Research Assistant, Istanbul Gelisim University, Faculty Of Engineering-Architecture, Department Of Mechatronics Engineering, 2016 - 2018

Journal articles indexed in SCI, SSCI, and AHCI

1. **Design and real-time implementation of a sliding mode observer utilizing voltage signal injection and PLL for sensorless control of IPMSMs**

Ates E., Tekgun B., Ablay G., Barut M.

Engineering Science and Technology, an International Journal, vol.59, 2024 (SCI-Expanded)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Sensorless Position and Speed Control of IPMSM with Sliding Mode Observer and Voltage Signal Injection**
Ateş E., Tekgün B., Ablay G.
3rd Global Power, Energy and Communication Conference- GPECOM2021, Antalya, Turkey, 5 - 08 October 2021
- II. **Sliding Mode Control of a Switched Reluctance Motor Drive with Four-Switch Bi-Directional DC-DC Converter for Torque Ripple Minimization**
ATEŞ E., TEKGÜN B., ABLAY G.
2020 International Conference on Smart Energy Systems and Technologies (SEST), Istanbul, Turkey, Turkey, 7 - 09 September 2020
- III. **An Approach for Moving Block Signalling System and Safe Distance Calculation**
Ateş E., Üstoğlu İ.
2018 6th International Conference on Control Engineering Information Technology (CEIT), İstanbul, Turkey, 25 - 27 October 2018, pp.1296-1299
- IV. **Developing a Mathematical Model for CBTC System and Safe Braking Distance Calculation**
ATEŞ E., ÜSTOĞLU İ.
International Conference on Applied Mathematics in Engineering (ICAME), Balıkesir, Turkey, 27 - 29 June 2018, pp.185
- V. **Designing a Model for Moving Block Signalling System with State-Space Modelling**
ATEŞ E., ÜSTOĞLU İ.
International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 11 - 13 May 2018, pp.50
- VI. **Şiddetli Yer Hareketi Yükleri Altında Viskoz Amortisör Sönümleyici ile Yapısal Sistemler Yanıt Kontrolü**
Etemadı A., Yaşar C. F., Ateş E.
OTOMATİK KONTROL ULUSAL TOPLANTISI, TOK2017, İstanbul, Turkey, 21 - 23 September 2017, pp.137-141
- VII. **Bir FBF-6 Robot Sisteminin Tasarımı, Simulasyonu ve Hareket Kontrolü Üzerine Çalışma**
Çoban F., Ateş E., Yaşar C. F.
OTOMATİK KONTROL ULUSAL TOPLANTISI, TOK2017, İstanbul, Turkey, 21 - 23 September 2017, pp.331-335

Scientific Research / Working Group Memberships

Agu Power Lab, Abdullah Gul University, Turkey, <https://power.agu.edu.tr/index.php/tr/>, 2021 - Continues

Metrics

Publication: 8

Citation (Scopus): 4

H-Index (WoS): 1

H-Index (Scopus): 1