Res. Asst. Ammar URGAN

Personal Information

Office Phone: +90 212 383 5973 Extension: 5973
Fax Phone: +90 212 383 5959
Email: ammar@yildiz.edu.tr
Web: https://avesis.yildiz.edu.tr/ammar
Address: Yıldız Teknik Üniversitesi, Davutpaşa Kampüsü Elektrik - Elektronik Fakültesi, Kontrol ve Otomasyon Mühendisliği Bölümü A116 34220 Esenler / İstanbul

International Researcher IDs
ScholarID: pt3tTBYAAAAJ
ORCID: 0000-0003-4087-5410
Publons / Web Of Science ResearcherID: ABA-1785-2020
Yoksis Researcher ID: 318641

Education Information

Doctorate, Yildiz Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, Turkey 2023 - Continues
Postgraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, Turkey 2019 - 2023
Undergraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, Turkey 2014 - 2019

Dissertations

Postgraduate, Teleoperation in haptic robots, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Kontrol ve Otomasyon Mühendisliği, 2023

Research Areas

Control and System Engineering, Simulation, Modelling and Identification, Nonlinear Systems, Industrial automation, Stability, Control Systems and Instrumentation, Optimal Control, Neural Networks, Fluid Machinery, Computer Aided Design and Manufacturing, Finite Element Methods, Mechanical Testing, Computational fluid dynamics

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, 2020 - Continues

Academic and Administrative Experience

Araştırma Görevlisi Fakülte Temsilcisi, Yildiz Technical University, Faculty Of Electrical & Electronics, Control And

Automation Engineering, 2022 - Continues
Exam Program Preparation Commission Member, Yildiz Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, 2021 - Continues
Curriculum Preparation Committee Member, Yildiz Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, 2021 - Continues
Bölüm Kalite Komisyonu Üyesi, Yildiz Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, 2021 - Continues
Adaptation/Exemption Committee Member, Yildiz Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, 2020 - Continues

Articles Published in Other Journals

I. **Bilateral Teleoperation with Computed Torque Control for RRR Type Robot Manipulator**
Urgan A., Daşdemir J.
ITU Computer Science AI and Robotics, vol.1, no.1, pp.26-32, 2024 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Backstepping Sliding Mode Controller Design with Controller Gain Tuning for Speed Control of Permanent Magnet Synchronous Motor**
Urgan A., Adıgüzel F.
25.Otomatik Kontrol Ulusal Konferansı (TOK 2024), Konya, Turkey, 12 - 14 September 2024, pp.702-707
II. **Calculation of Model-Predictive-Controller Coefficients by Nature Inspired Algorithms and Performance Analysis**
Yazıcı E., Urgan A., Gazi V.
25.Otomatik Kontrol Ulusal Konferansı (TOK 2024), Konya, Turkey, 12 - 14 September 2024, pp.466-471
III. **Haptic Teleoperation with Computed Torque Control Method**
Urgan A., Daşdemir J.
Otomatik Kontrol Ulusal Toplantısı TOK 2023, İstanbul, Turkey, 14 - 16 September 2023, pp.27-32
IV. **Trajectory Tracking Control of RRR Type Robot Manipulator with Computed Torque Control Method**
Urgan A., Daşdemir J.
ELEKTRİK-ELEKTRONİK ve BİYOMEDİKAL MÜHENDİSLİĞİ KONFERANSI, Bursa, Turkey, 24 - 26 November 2022, pp.1-5
V. **Feedback Control of a Circulatory System Simulation Circuit during Exercise**
Urgan A., Arısoy D. O., Kadıpaşaoğlu A. K.
TOK 2019 OTOMATİK KONTROL TÜRK MİLLİ KOMİTESİ ULUSAL TOPLANTISI, Muğla, Turkey, 11 - 14 September 2019, pp.85-90

Supported Projects

ADIGÜZEL F., URGAN A., KURTULUŞ K., AKBATI O., GÜRKAN K., Project Supported by Higher Education Institutions, Sabit Mıknatıslı Motorların Değişken Hız Kontrolü için Periyodik Öğrenmeli Doğrusal Olmayan Kontrol Yönteminin Geliştirilmesi ve Uygulaması, 2024 - Continues
Kadıpaşaoğlu A. K., Türker T., Meşe E., TUBITAK Project, Development of a Mechanical Circulatory Support System, 2019 - 2024

Tasks In Event Organizations

Urgan A., EECI Graduate School on Control- M07 "Specification, Design, and Verification for Self-Driving Cars" by Richard M. Murray and Nok Wongpiromsarn, Workshop Organization, İstanbul, Turkey, Mart 2020

Metrics

Publication: 7