

Personal Information

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Education Information

Doctorate, Yıldız Teknik Üniversitesi, Elektrik Elektronik , Elektrik Mühendisliği / Kontrol Ve Otomasyon Anabilimdalı, Turkey 2008 - 2013

Post Graduate, Yıldız Teknik Üniversitesi, Faculty of Electrical & Electronics, Elektrik Mühendisliği / Kontrol Ve Otomasyon Anabilimdalı, Turkey 2005 - 2007

Under Graduate, Yıldız Teknik Üniversitesi, Faculty of Electrical & Electronics, Elektrik Mühendisliği, Turkey 2001 - 2005

Foreign Languages

English, C1 Advanced

Academic Titles / Tasks

Assistant Professor, Yıldız Technical University, Faculty of Electrical & Electronics, Control And Automation Engineering, 2019 - Continues

Research Assistant, Yıldız Technical University, Faculty of Electrical & Electronics, Control And Automation Engineering, 2011 - 2019

Research Assistant, Yıldız Technical University, Faculty of Electrical & Electronics, Electrical Engineering Department, 2005 - 2011

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Hardware-in-the-loop simulation and implementation of a fuzzy logic controller with FPGA: case study of a magnetic levitation system**
Akbati O., Uzgun H. D. , Akkaya S.
TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, vol.41, pp.2150-2159, 2019 (Journal Indexed in SCI)
- **Design and implementation of an adaptive backstepping controller for a magnetic levitation system**
Adiguzel F., Dokumacılar E., Akbati O., Türker T.
TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, vol.40, pp.2466-2475, 2018 (Journal Indexed in SCI)
- **Ethernet-based automation network systems mobile laboratory: a case study in nonlinear control of water tank system**
Ucun L., Akbati O., Cansever G.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.23, pp.2344-2357, 2015 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- **Fuzzy logic controller implementation with FPGA in the loop simulation**
Akkaya Ş., Üzgün H. D. , AKBATIO.

2017 International Conference on Mechatronics Systems and Control Engineering, ICMSCE 2017, Kayseri, Turkey, 2 - 04 Şubat 2017, pp.33-37

- **Multiple Closed Loop System Control with Digital PID Controller Using FPGA**

Akkaya S., AKBATIO., Gorgun H.

International Conference on Control, Decision and Information Technologies (CoDIT), Metz, France, 3 - 05 Kasım 2014, pp.764-769

- **Control of Pattern Tracking Nonholonomic Mobile Robot with Feedback Linearization**

AKBATIO., Cansever G.

8th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 28 - 30 Kasım 2013, pp.512-515

- **CoNeT Mobile Laboratory for Ethernet Based I/O Systems in Industrial Applications**

UCUN L., AKBATIO., Cansever G.

12th International Conference on Control, Automation and Systems (ICCAS), Jeju, South Korea, 17 - 21 Ekim 2012, pp.18-22

- **Çizgi Takip Robotunun Modellenmesi ve Denetleyici Tasarımı**

AKBATIO., Cansever G.

Otomatik Kontrol Ulusal Toplantısı

Supported Projects

Akbati O., Türker T., Delibaşı A., TUBITAK Project, Dört Rotorlu İnsansız Hava Araçları İçin Askıda Kalma Ve Agresif Manevra Kabiliyetleri İçin Optimal Yörünge Oluşturulması, Kontrolcü Tasarımı Ve Gerçek Zamanlı Uygulanması, 2018 - 2020

TÜRKER T., AKBATIO., AKTEKİN Ö., EREN Y., GÖRGÜN H., Other Supported Projects, Hız kestirimi için gözleyici tasarımı ve çıkış geri beslemeli denetleyici tasarımı ve uygulamaları, 2012 - 2013

Cansever G., Uzun L., Akbatı O., EU Supported Other Project, Co-Operative Network Training (CONET), 2009 - 2012

Citations

Total Citations (WOS):2

h-index (WOS):1