

Dr.Öğr.Üyesi SAMET GÜLER

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, University of Waterloo, Mühendislik, Makine ve Mekatronik Mühendisliği, Kanada 2012 - 2015

Araştırma Alanları

Sistem Dinamiği ve Kontrolü , Robotik , Mekatronik , Dinamik Sistemlerin Modellenmesi ve Benzetimi

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Abdullah Gül Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2019 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Peer-to-Peer Relative Localization of Aerial Robots With Ultrawideband Sensors**
GÜLER S., Abdelkader M., Shamma J. S.
IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY, cilt.29, sa.5, ss.1981-1996, 2021 (SCI İndekslerine Giren Dergi)
- II. **Distributed Formation Control of Drones With Onboard Perception**
Kabore K. M., GÜLER S.
IEEE/ASME Transactions on Mechatronics, 2021 (SCI Expanded İndekslerine Giren Dergi)
- III. **Perception, navigation, and manipulation in the team KAUST approach to the MBZIRC ground robotics challenge**
Guler S., Algarni M. A., Shaqura M. Z., Jaleel H., Mabrok M. A., Jiang J., Lu Y., Shamma J. S.
JOURNAL OF FIELD ROBOTICS, cilt.36, sa.5, ss.973-1003, 2019 (SCI İndekslerine Giren Dergi)
- IV. **Target capture and station keeping of fixed speed vehicles without self-location information**
Guler S., Fidan B.
EUROPEAN JOURNAL OF CONTROL, cilt.43, ss.1-11, 2018 (SCI İndekslerine Giren Dergi)
- V. **Adaptive Source Localization Based Station Keeping of Autonomous Vehicles**
Guler S., Fidan B., Dasgupta S., Anderson B. D. O., Shames I.
IEEE TRANSACTIONS ON AUTOMATIC CONTROL, cilt.62, sa.7, ss.3122-3135, 2017 (SCI İndekslerine Giren Dergi)
- VI. **Least-squares-based adaptive target localization by mobile distance measurement sensors**
Fidan B., Camlica A., Gueler S.
INTERNATIONAL JOURNAL OF ADAPTIVE CONTROL AND SIGNAL PROCESSING, cilt.29, sa.2, ss.259-271, 2015 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

I. Aerial Swarms: Recent Applications and Challenges

Abdelkader M., Güler S., Jaleel H., Shamma J. S.

Current Robotics Reports, cilt.2, sa.1, ss.309-320, 2021 (Diğer Kurumların Hakemli Dergileri)

Kitap & Kitap Bölümleri

I. Deep Learning Based Formation Control of Drones

Kabore K. M., Güler S.

Deep Learning for Unmanned Systems, Aanis Kouba, Ahmad Taha Azar, Editör, Springer Nature, Zürich, ss.383-413, 2021

II. Adaptive Swarm Coordination and Formation Control

Güler S., Fidan B.

Handbook of Research on Design, Control, and Modeling of Swarm Robotics, Ying Tan, Editör, IGI Global, Pennsylvania, ss.1-32, 2016

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Peer-to-Peer Localization via On-board Sensing for Aerial Flocking

Rajab F. O., Güler S., Shamma J. S.

2020 17th International Conference on Ubiquitous Robots (UR), Kyoto, Japonya, 22 - 26 Haziran 2020, cilt.1, sa.1, ss.1-6

II. Infrastructure-free multi-robot localization with ultrawideband sensors

Güler S., Abdelkader M., Shamma J. S.

2019 American Control Conference, ACC 2019, Pennsylvania, Amerika Birleşik Devletleri, 10 - 12 Temmuz 2019, cilt.2019-July, ss.13-18

III. Real Time Onboard Ultrawideband Localization Scheme for an Autonomous Two-robot System

Güler S., Jiang J., Alghamdi A. A., Masoud R., Shamma J. S.

2018 IEEE Conference on Control Technology and Applications (CCTA), Kobenhavn, Danimarka, 21 - 24 Ağustos 2018, cilt.1, sa.1, ss.1-6

IV. Cohesive motion control as a regulation problem

Güler S., Fidan B., Dasgupta S.

2016 24th Mediterranean Conference on Control and Automation (MED), Athens, Yunanistan, 21 - 24 Haziran 2016, cilt.1, sa.1, ss.1-6

V. Range Based Target Capture and Station Keeping of Nonholonomic Vehicles without GPS

Guler S., Fidan B.

European Control Conference (ECC), Linz, Avusturya, 15 - 17 Temmuz 2015, ss.2970-2975

VI. Indirect adaptive formation control with nonlinear dynamics and parametric uncertainty

Guler S., Koksall N., Fidan B., GAZI V.

2013 9th Asian Control Conference, ASCC 2013, İstanbul, Türkiye, 23 - 26 Haziran 2013

VII. Adaptive control of a three-agent surveillance swarm with constant speed constraint

Guler S., Koksall N., Fidan B.

2013 9th Asian Control Conference, ASCC 2013, İstanbul, Türkiye, 23 - 26 Haziran 2013

Desteklenen Projeler

Güler S., TÜBİTAK Projesi, Perception and decision mechanism designs for robot swarm realizations, 2019 - 2022

Patent

Shamma J. S. , Shaqura M. Z. , Güler S., Algarni M., Gripper mechanism and method, Patent, BÖLÜM A İnsan İhtiyaçları, Buluşun Tescil No: 10695915 , İlk Tescil, 2020

Atıflar

Toplam Atıf Sayısı (WOS):39

h-indeksi (WOS):3