

Dr. Öğr. Üyesi BAHAEDDİN TÜRKÖĞLU

Kişisel Bilgiler

E-posta: turkoglub@ankara.edu.tr

Diğer E-posta: bahaeddinturkoglu@gmail.com

Web: <https://avesis.ankara.edu.tr/turkoglub>

Uluslararası Araştırmacı ID'leri

ScholarID: yvzKneEAAAAJ

ORCID: 0000-0003-0255-8422

Publons / Web Of Science ResearcherID: AFM-7521-2022

Yoksis Araştırmacı ID: 376956

Biyografi

Dr. Bahaeddin TURKOĞLU, holds B.S. and M.S. degrees from Selçuk University, in 2016 and 2018, respectively, and a Ph.D. degree from Konya Technical University, Türkiye, in 2022, all in computer engineering. He held a "Big Data Analysis" certificate from HAVELSAN. His research interests include data science, optimization, swarm intelligence and deep reinforcement learning. He has developed various machine learning and data science projects using python and shared them on GitHub. Since 2018, he has been involved in volunteer work in Deep Learning Türkiye mentorship program. From 2016 to 2019, he was a deep learning developer at the Robotic and Automation Control Laboratory, Konya Technical University. He received first place with his team which is named RACLAB in autonomous car with deep learning in Open Zeka MARC. Since 2016, he has been executive manager of the smart event atmosphere research and development project at AtmosVeri Artificial Intelligence powered Software Solutions in InnoPark, Konya Technopole and Niğde Technopark Technology Development Area. From 2022 to 2024, he was a Asst.Prof.Dr at computer engineering department, Niğde Ömer Halisdemir University. Since 2024, he has been an academician Asst.Prof.Dr. the Artificial Intelligence and Data Engineering Department at Ankara University.

Eğitim Bilgileri

Doktora, Konya Teknik Üniversitesi, Lisansüstü Eğitim Enstitüsü, Bilgisayar Mühendisliği, Türkiye 2018 - 2022

Yüksek Lisans, Selçuk Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Türkiye 2016 - 2018

Lisans, Selçuk Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Türkiye 2012 - 2016

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Rota ve Hareket Planlama, Algoritmalar, Bilgisayarla Görme, Veritabanı ve Veri Yapıları, Bilgisayar Öğrenimi, Bulanık Kümeler ve Sistemler, Evrimsel Hesaplama, Sinirsel Ağlar

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Ankara Üniversitesi, Mühendislik Fakültesi, Yapay Zeka Ve Veri Mühendisliği Bölümü, 2024 - Devam Ediyor

Dr. Öğr. Üyesi, Niğde Ömer Halisdemir Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2022 - 2024

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Chaotic Artificial Algae Algorithm for Solving Global Optimization With Real-World Space Trajectory Design Problems**
TÜRKOĞLU B., Uymaz S. A., Kaya E.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, 2024 (SCI-Expanded)
- II. **A Novel Diversity Guided Galactic Swarm Optimization With Feedback Mechanism**
Uymaz O., TÜRKOĞLU B., Kaya E., Asuroglu T.
IEEE ACCESS, cilt.12, ss.108154-108175, 2024 (SCI-Expanded)
- III. **Chaotic golden ratio guided local search for big data optimization**
Kocer H. G., TÜRKOĞLU B., Uymaz S. A.
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, cilt.41, 2023 (SCI-Expanded)
- IV. **Binary Artificial Algae Algorithm for feature selection**
TÜRKOĞLU B., Uymaz S. A., Kaya E.
APPLIED SOFT COMPUTING, cilt.120, 2022 (SCI-Expanded)
- V. **Clustering analysis through artificial algae algorithm**
TÜRKOĞLU B., Uymaz S. A., Kaya E.
INTERNATIONAL JOURNAL OF MACHINE LEARNING AND CYBERNETICS, cilt.13, sa.4, ss.1179-1196, 2022 (SCI-Expanded)
- VI. **Training multi-layer perceptron with artificial algae algorithm**
TÜRKOĞLU B., Kaya E.
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, cilt.23, sa.6, ss.1342-1350, 2020 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **An advanced Salp Swarm Algorithm for optimization problems**
TÜRKOĞLU B.
ENGINEERING SCIENCES, cilt.12, sa.4, ss.1071-1078, 2023 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **Genetic Algorithm for Route Optimization**
TÜRKOĞLU B., EROĞLU H.
Applied Genetic Algorithm and Its Variants, Nilanjan Dey, Editör, Springer Nature Switzerland AG., ss.51-79, 2023
- II. **Chaos theory in metaheuristics**
TÜRKOĞLU B., UYMAZ S. A., KAYA E.
Comprehensive Metaheuristics Algorithms and Applications, Seyedali Mirjalili, Amir H. Gandomi, Editör, Academic Press, Elsevier, ss.1-20, 2023

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Use of Transfer Learning in Small Data Sets: Fire Detection Example

KARABIYIK M. A., TÜRKOĞLU B.

ASES Uluslararası Bandırma Bilimsel Çalışmalar Kongresi, BANDIRMA, Türkiye, 27 - 29 Ekim 2023, ss.920-916

II. Boosted Whale Optimization Algorithm

TÜRKOĞLU B.

3rd International Conference on Applied Engineering and Natural Sciences, Konya, Türkiye, 20 - 23 Temmuz 2022, cilt.3, ss.1716-1719

Desteklenen Projeler

Türkoğlu B., KOSGEB, Kosgeb Ürge: Dijital Etkinlik Ajandası, 2023 - 2024

Metrikler

Yayın: 11

Atıf (WoS): 92

Atıf (Scopus): 118

H-İndeks (WoS): 3

H-İndeks (Scopus): 4

Akademi Dışı Deneyim

Şirket, Atmosveri Yapay Zeka Destekli Yazılım ve Eğitim Teknolojileri, Data Science, Mobile Apps