

## Prof. ŞAHİN EMRAH

### Personal Information

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

### International Researcher IDs

ORCID: 0000-0001-7747-5467

Publons / Web Of Science ResearcherID: AAF-3339-2020

ScopusID: 36020122700

Yoksis Researcher ID: 108642

### Education Information

Doctorate, M.V.Lomonosov Moskova Devlet Üniversitesi, Matematik, Russia 1984 - 1989

Undergraduate, Moscow State University Named After M.V. Lomonosov, Uygulamalı Matematik, Russia 1978 - 1984

### Foreign Languages

Russian, B2 Upper Intermediate

### Academic Titles / Tasks

Professor, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2017 - Continues

Associate Professor, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2011 - 2017

Assistant Professor, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2008 - 2011

### Courses

BİLGİSAYAR GRAFİĞİ, Undergraduate, 2013 - 2014, 2011 - 2012, 2010 - 2011

ÇİZGE KURAMI VE ALGORİTMALAR, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

BULANIK MANTIK, Undergraduate, 2013 - 2014, 2012 - 2013

İLERİ VERİ YAPILARI, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

MELEZ SİSTEMLER, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Algoritmalar, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Sinyal ve Sistemler, Undergraduate, 2012 - 2013

Sayısal Hesaplama Teknikleri ve Uygulamaları, Postgraduate, 2010 - 2011

Yazılım Mühendisliği, Undergraduate, 2009 - 2010

BİLGİSAYAR YAZILIMI, Undergraduate, 2009 - 2010, 2008 - 2009

### Advising Theses

Emrah Ş., Ağrılıkların Belirsiz Olduğu Çizge Üzerinde Topluluk Tespiti: Sosyal Ağ Üzerinde Bir Çalışma, Doctorate, P.ÇETİN(Student), 2022

EMRAH Ş., Test durumu önceliklendirme, Postgraduate, Z.CAN(Student), 2021

EMRAH Ş., Real time anomaly detection in time series data, Postgraduate, B.UĞUR(Student), 2020  
EMRAH Ş., Path planning assistant with constraints for disabled, Postgraduate, H.BUĞRA(Student), 2020  
EMRAH Ş., Application of data mining in medical science and health care, Postgraduate, D.ATIKTÜRK(Student), 2019  
EMRAH Ş., Interpolation in geographic information system, Postgraduate, K.KUTLUBAY(Student), 2019  
EMRAH Ş., Credit card fraud detection, Postgraduate, K.SOYLU(Student), 2018  
EMRAH Ş., Uçak inişlerinin gerçek zamanlı çizelgelemesinin tasarımı ve simülasyonu, Postgraduate, B.ALDEMİR(Student), 2018  
EMRAH Ş., Bulanık karar ağaçları ile hisse senedi fiyat tahmini, Postgraduate, E.ÖZKAN(Student), 2017  
EMRAH Ş., Değişen 3B ortamda en kısa yol algoritmaları, Postgraduate, E.BÜLBÜL(Student), 2015  
EMRAH Ş., Kaya ince kesit görüntülerinde minerallerin ayrılması ve analizi, Postgraduate, A.HİKMET(Student), 2013  
EMRAH Ş., Akıllı hava trafiği kontrol sistemi tasarımı ve simülasyonları, Postgraduate, T.ALİ(Student), 2012  
EMRAH Ş., Dağıtık yapay zekâ destekli 3 boyutlu domino oyunu, Postgraduate, O.A.NOORADEN(Student), 2011  
EMRAH Ş., Kaba kümeler teorisi üzerine algoritmalar, Postgraduate, F.AYBAR(Student), 2011

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, UAK, October, 2022  
Associate Professor Exam, Associate Professor Exam, UAK, October, 2022  
Associate Professor Exam, Associate Professor Exam, UAK, October, 2022  
Associate Professor Exam, Associate Professor Exam, UAK, March, 2022  
Associate Professor Exam, Associate Professor Exam, UAK, March, 2022

## Published journal articles indexed by SCI, SSCI, and AHCI

- A new approach to Mergesort algorithm: Divide smart and conquer**  
Emrah Amrahov S., AR Y., TUĞRUL B., Akay B. E., Kartli N.  
Future Generation Computer Systems, vol.157, pp.330-343, 2024 (SCI-Expanded)

## Articles Published in Other Journals

- A NOVEL APPROACH TO DEFINITION OF FUZZY FUNCTIONS**  
Amrahov Ş., Askerzade İ.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,  
vol.59, no.1, pp.1-6, 2010 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- Development of Recommender Systems Based on the Curve Fitting Method**  
EMRAH Ş., AR Y., GASİLOV N., FATULLAYEV A. G.  
International Conference on Mathematics and Mathematics Education, Turkey, 12 - 14 May 2016

## Activities in Scientific Journals

KYBERNETIKA, Editor, 2023 - Continues  
Turkish Journal of Mathematics and Computer Science, Committee Member, 2016 - Continues  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, Editor, 2019 - 2022

## **Scientific Refereeing**

COMPUTERS IN BIOLOGY AND MEDICINE, SCI Journal, May 2022

### **Metrics**

Publication: 39

Citation (WoS): 298

Citation (Scopus): 306

H-Index (WoS): 10

H-Index (Scopus): 10