

Asst. Prof. ALPER VAHAPLAR

Personal Information

Office Phone: [+90 232 301 8573](tel:+902323018573)

Email: alper.vahaplar@deu.edu.tr

Other Email: alper@vahaplar.com

Web: <https://avesis.deu.edu.tr/alper.vahaplar>

International Researcher IDs

ScholarID: G64aepYAAAAJ

ORCID: 0000-0002-3566-3870

Publons / Web Of Science ResearcherID: O-9693-2019

ScopusID: 36864318400

Yoksis Researcher ID: 174807

Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, İstatistik (Dr), Turkey 2006 - 2012

Postgraduate, Ege University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 2000 - 2003

Undergraduate, Ege University, Faculty Of Engineering, Bilgisayar Mühendisliği Bölümü, Turkey 1992 - 1999

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, A data mining application on cognitive EEG recording, Dokuz Eylul University, Fen Bilimleri Enstitüsü, İstatistik (Dr), 2012

Postgraduate, Bir coğrafi veri madenciliği uygulaması, Ege University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), 2005

Research Areas

Database and Data Structures, Artificial Intelligence, Computer Learning and Pattern Recognition, Statistical Analysis and Applications

Academic Titles / Tasks

Assistant Professor, Dokuz Eylul University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2021 - Continues

Lecturer PhD, Dokuz Eylul University, Fen Fakültesi, İstatistik Bölümü, 2019 - 2021

Lecturer PhD, Dokuz Eylul University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2010 - 2019

Lecturer, Dokuz Eylul University, Fen Fakültesi, İstatistik Bölümü, 2001 - 2010

Academic and Administrative Experience

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Dokuz Eylül University, Rektörlük, Deü İstatistik,Risk ve Aktüerya Araştırma Uygulama Merkezi, 2020 - Continues

Courses

ALGORİTMALAR VE VERİ YAPILARI, Undergraduate, 2017 - 2018, 2015 - 2016

DATABASE MANAGEMENT, Undergraduate, 2017 - 2018, 2015 - 2016

STATISTICAL METHODS IN DATA MINING, Undergraduate, 2017 - 2018

İŞLETİM SİSTEMLERİ, Undergraduate, 2017 - 2018

Veri Madenciliğine Giriş, Undergraduate, 2015 - 2016

COMPUTER PROGRAMMING I, Undergraduate, 2015 - 2016

Advising Graduates (Non-Thesis)

Vahaplar A., Detecting cardiac defections on EKG using macgine learninm methods, Masters (Non-Thesis,Evening Education), S.AKAY(Student), Continues

Vahaplar A., Determining The Main Factors That Effect On The Amount Of Shrinkage Of Textile Products Using Probabilistic Graphical Models, Masters (Non-Thesis,Evening Education), M.Anıl(Student), 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An algorithm for spelling the pitches of any musical scale**
BORA U., TEZEL B. T., VAHAPLAR A.
INFORMATION SCIENCES, vol.472, pp.203-222, 2019 (SCI-Expanded)
- II. **A fuzzy logic apparel size decision methodology for online marketing**
NASİBOĞLU E., DEMİR M., VAHAPLAR A.
INTERNATIONAL JOURNAL OF CLOTHING SCIENCE AND TECHNOLOGY, vol.31, no.2, pp.299-315, 2019 (SCI-Expanded)
- III. **A survey on geographic classification of virgin olive oil with using T-operators in Fuzzy Decision Tree Approach**
Nasibov E., Savas S. K., VAHAPLAR A., KINAY A. Ö.
CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS, vol.155, pp.86-96, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Analysis of Turkish 6/49 lottery results**
VAHAPLAR A., BERBERLER M. E.
MANAS Journal of Engineering, vol.8, no.1, pp.55-58, 2020 (Peer-Reviewed Journal)
- II. **Turnaround Time Prediction for a Medical Laboratory Using Artificial Neural Networks**
Eminağaoğlu M., Vahaplar A.
INTERNATIONAL JOURNAL OF INFORMATICS TECHNOLOGIES, vol.11, no.4, pp.357-368, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Bölüm 10 - Temel Veri Yapıları**
ÖNER T., TOPAL S., BERBERLER M. E., ŞENTÜRK İ., ORDİN B., KUTUCU H., AKLEYLEK S., NASİBOĞLU E., NURİYEV U.,

PEKTAŞ B., et al.

in: Algoritmalara Giriş (Introduction to Algorithms kitabınının çevirisi), Urfat Nuriyev, Efendi Nasıboğlu, Tahsin Öner, Editor, PALME YAYINCILIK, Ankara, pp.229-252, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Yapay Sinir Ağlarında Dengesiz Veri Setleri**
UĞUR S., VAHAPLAR A., ÇAPAR S.
International Symposium of Scientific Research and Innovative Studies, Bandırma, Turkey, 22 February 2021
- II. **Examining the response of olfactory stimulus in EEG signals**
KARA B., DEMİREL N., VAHAPLAR A., GÜDÜCÜ Ç.
11th International Statistics Congress, 4 - 08 October 2019
- III. **Pattern Recognition in Control Charts with Neural Networks**
VAHAPLAR A., VAHAPLAR S.
11th International Statistics Days Conference, Muğla, Turkey, 3 - 07 October 2018
- IV. **An Application To Determine Appropriate Apparel Size Via Fuzzy Logic Approach**
VAHAPLAR A., DEMİR M., Okur B., NASİBOĞLU E.
International Conference on Computer Science and Engineering, 20 - 23 October 2016
- V. **Bulanık Mantık Yaklaşımı ile Uygun Giysi Bedeni Belirleme Üzerine Bir Uygulama**
VAHAPLAR A., DEMİR M., OKUR B., NASİBOĞLU E.
UBMK2016 - International Conference on Computer Science and Engineering, 20 - 23 October 2016
- VI. **İlköğretim Matematik Öğretmen Adaylarının Lisans Derslerinden Aldıkları Notlar Arasındaki İlişkilerin Veri Madenciliği Yöntemiyle İncelenmesi**
ALPAY Ü. A., KAYA E. P., VAHAPLAR A., NARLI S.
12. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Trabzon, Trabzon, Turkey, 28 - 30 September 2016, pp.203
- VII. **A Fuzzy Logic Approach to Predict the Best Fitted Apparel Size in Online Marketing**
Nasibov E., VAHAPLAR A., DEMİR M., Okur B.
10th IEEE International Conference on Application of Information and Communication Technologies (AICT), Baku, Azerbaijan, 12 - 14 October 2016, pp.599-602
- VIII. **Influence of Different T Operators in Fuzzy Decision Trees**
KANTARCI S., VAHAPLAR A., KINAY A. Ö., NASİBOĞLU E.
XVI th International Symposium on Econometrics, Operations Research and Statistics, 7 - 12 May 2015
- IX. **A Monitoring System to Prepare Machine Learning Set for Earthquake Estimation Based on Seismic Acoustic Signals**
VAHAPLAR A., TEZEL B. T., NASİBOĞLU R., NASİBOĞLU E.
9th International Conference on Application of Information and Communication Technologies, Russia, 14 - 16 October 2015
- X. **Inference of different T Operators in Fuzzy Decision Trees**
KANTARCI S., VAHAPLAR A., KINAY A. Ö., NASİBOĞLU E.
XVI.th International Symposium On Econometrics, Operations Research And Statistics, 7 - 12 May 2015
- XI. **Influence of T-norm and T-conorm Operators in Fuzzy ID3 Algorithm**
Kantarci S., KINAY A. Ö., VAHAPLAR A., Nasibov E.
IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), İstanbul, Turkey, 2 - 05 August 2015
- XII. **A Monitoring System to Prepare Machine Learning Data Sets for Earthquake Prediction Based on Seismic-Acoustic Signals**
VAHAPLAR A., NASİBOĞLU R., TEZEL B. T., Nasibov E.
9th International Conference of Information and Communiation Technologies (AICT), Rostov-on-Don, Russia, 14 - 16 October 2015, pp.44-47
- XIII. **Geographic Classification of Turkish Natural Olive Oil via Decision Tree Algorithms A Comparative Analysis**

NASİBOĞLU E., KANTARCI S., VAHAPLAR A., KINAY A. Ö.

3rd International Symposium on Computing in Science & Engineering (ISCSE-2013), 24 - 25 October 2013, pp.206-210

XIV. A Software OliveDeSoft System for Geographic Characterization of Turkish Virgin Olive Oil via Fuzzy Decision Tree

KANTARCI S., VAHAPLAR A., KINAY A. Ö., NASİBOĞLU E.

The 3rd International Fuzzy Systems Symposium FUZZYSS'13, 24 - 25 October 2013, pp.186-190

XV. Classification of Virgin Olive Oil By Using Fuzzy ID3 Algorithm

VAHAPLAR A., KANTARCI S., KINAY A. Ö., NASİBOĞLU E.

Seventh International Conference on Soft Computing, Computing with Words and Perceptions in System Analysis, Decision and Control, 2 - 03 September 2013, pp.275-283

XVI. Geographic Classification of Turkish Natural Olive Oil via CART Decision Tree Algorithm Achieved From Chemical Data

NASİBOĞLU E., KANTARCI S., KINAY A. Ö., VAHAPLAR A.

XIV International Symposium on Econometrics, Operations Research and Statistics 2013, 24 - 28 May 2013, pp.206-210

Supported Projects

NASİBOĞLU E., VAHAPLAR A., TUBITAK Project, Giysilerin İnternet Üzerinden Pazarlamasındaki Beden Sorununa Esnek Hesaplama Teknikleri ile Yaklaşım, 2015 - 2017

Patent

Bora U., Tezel B. T., Vahaplar A., AN ALGORITHMIC METHOD FOR SPELLING THE PITCHES OF ANY MUSICAL SCALE, Patent, CHAPTER G Physics, The Invention Registration Number: 112018000267 , 2019, 2020

Metrics

Publication: 22

Citation (WoS): 24

Citation (Scopus): 30

H-Index (WoS): 3

H-Index (Scopus): 3