

Doç. Dr. GAZİ ERKAN BOSTANCI

Kişisel Bilgiler

E-posta: ebostanci@ankara.edu.tr

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

Uluslararası Araştırmacı ID'leri

ScholarID: _IIk5AUAAAAJ

ORCID: 0000-0001-8547-7569

Publons / Web Of Science ResearcherID: AAD-6150-2019

ScopusID: 55364555800

Yoksis Araştırmacı ID: 107673

Eğitim Bilgileri

Doktora, University of Essex, Bilgisayar Mühendisliği, Birleşik Krallık 2010 - 2014

Yüksek Lisans, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), Türkiye 2007 - 2009

Lisans, Ankara Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Türkiye 2003 - 2007

Yaptığı Tezler

Doktora, User tracking methods for augmented reality applications in cultural heritage, University of Essex, Bilgisayar Mühendisliği, 2014

Araştırma Alanları

Bilgisayar Bilimleri, Fizik

Akademik Unvanlar / Görevler

Araştırma Görevlisi, Ankara Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2007 - Devam Ediyor

Akademik İdari Deneyim

Dekan Yardımcısı, Ankara Üniversitesi, 2019 - 2020

Verdiği Dersler

Araştırma Teknikleri, Lisans, 2017 - 2018, 2015 - 2016

Bilgi Sistemlerine Giriş, Yüksek Lisans, 2017 - 2018

Evrimsel Hesaplama, Yüksek Lisans, 2017 - 2018, 2015 - 2016

Melez Sistemler, Yüksek Lisans, 2016 - 2017, 2015 - 2016

Mikroişlemciler, Lisans, 2016 - 2017

Özel Konular, Lisans, 2016 - 2017, 2015 - 2016
Bilgisayar Mimarisi, Lisans, 2016 - 2017
Görüntü İşleme, Yüksek Lisans, 2016 - 2017
Bilgisayar Grafiği, Lisans, 2015 - 2016
C++ Programming Laboratory, Lisans, 2013 - 2014
Computer Vision Laboratory, Yüksek Lisans, 2013 - 2014
Bilgisayar Grafiği Laboratuvar, Lisans, 2013 - 2014
C Programming and Embedded Systems Laboratory, Lisans, 2013 - 2014
Programlama Dilleri Laboratuvar, Lisans, 2013 - 2014
Computer Vision Laboratory, Lisans, 2013 - 2014, 2012 - 2013
Digital Systems Architecture Laboratory, Lisans, 2013 - 2014, 2012 - 2013
3D Computer Graphics Laboratory, Lisans, 2012 - 2013, 2011 - 2012, 2010 - 2011
Web Development Laboratory, Lisans, 2012 - 2013
Bilgisayar Yazılımı Laboratuvar, Lisans, 2009 - 2010, 2008 - 2009, 2007 - 2008
Web Programlama Laboratuvar, Lisans, 2009 - 2010
Bilgisayar Mimarisi Laboratuvar, Lisans, 2008 - 2009, 2007 - 2008

Yönetilen Tezler

BOSTANCI G. E., SAR (sentetik açıklıklı radar) görüntülerinde bölütleme, Yüksek Lisans, H.ERTEN(Öğrenci), 2021
BOSTANCI G. E., Öneri sistemlerinde başarıyı artırmak için yapay zeka tabanlı yaklaşımlar, Doktora, B.ŞEREF(Öğrenci), 2021
BOSTANCI G. E., Öneri sistemlerinde başarıyı arttırmak için yapay zeka tabanlı yaklaşımlar, Doktora, B.Şeref(Öğrenci), 2021
BOSTANCI G. E., Adli bilişimde makine öğrenmesi: makine öğrenmesi algoritmaları ile terör olaylarının tahmin edilmesi çalışması, Yüksek Lisans, B.GÖRMEZ(Öğrenci), 2021
BOSTANCI G. E., Önleyici kolluk faaliyetleri kapsamında sosyal medyada veri madenciliği: suçları önlemek için Twitter Analytic'i kullanma, Doktora, E.CİHAN(Öğrenci), 2021
BOSTANCI G. E., Nvidia dıgıts kullanılarak yüz duygu ifadelerinin sınıflandırılması ve adli yaklaşım, Yüksek Lisans, S.ÇAĞLA(Öğrenci), 2020
BOSTANCI G. E., Amazon alexa ve google home akıllı ev sistemi asistanlarının adli açıdan incelenmesi, Yüksek Lisans, İ.YILDIRIM(Öğrenci), 2020
BOSTANCI G. E., İnsan Hareketlerinin İnterpolasyon Yöntemleri ile Modellenmesi, Yüksek Lisans, E.HALICI(Öğrenci), 2019
BOSTANCI G. E., Blokszincir teknolojisi ile rekolte tahmin platformu tasarlamak, Yüksek Lisans, T.DOĞANTUNA(Öğrenci), 2019
BOSTANCI G. E., Kültürel miras alanları için uzaktan artırılmış gerçeklik sistemi, Yüksek Lisans, M.ÜNAL(Öğrenci), 2017

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Heuristic algorithm for an optimal solution of fully fuzzy transportation problem**
Kartlı N., BOSTANCI G. E., GÜZEL M. S.
COMPUTING, cilt.106, sa.10, ss.3195-3227, 2024 (SCI-Expanded)
- II. **Development of a New Non-Destructive Analysis Method in Cultural Heritage with Artificial Intelligence**
Bilici Genc B., BOSTANCI G. E., Eskici B., Erten H., Çağlar Eryurt B., AÇICI K., KETENOĞLU D., Asuroglu T.
Electronics (Switzerland), cilt.13, sa.20, 2024 (SCI-Expanded)
- III. **Evolutionary feature selection for machine learning based malware classification**
Kale G., BOSTANCI G. E., ÇELEBİ F. V.

- IV. **Optimization of synchrotron radiation parameters using swarm intelligence and evolutionary algorithms**
Karaca A. S., BOSTANCI G. E., KETENOĞLU D., Harder M., CANBAY A. C., KETENOĞLU B., Eren E., AYDIN A., Yin Z., GÜZEL M. S., et al.
Journal of Synchrotron Radiation, cilt.31, sa.Pt 2, ss.420-429, 2024 (SCI-Expanded)
- V. **Convolutional neural network models using metaheuristic based feature selection method for intrusion detection Saldırı tespiti için metasezgisel tabanlı özellik seçim yöntemi kullanan evrişimli sinir ağı modelleri**
Salati M., ASKERBEYLİ İ., BOSTANCI G. E.
Journal of the Faculty of Engineering and Architecture of Gazi University, cilt.40, sa.1, ss.179-188, 2024 (SCI-Expanded)
- VI. **Deep Learning in Diagnosis of Dental Anomalies and Diseases: A Systematic Review**
Sivari E., Senirkentli G. B., BOSTANCI G. E., GÜZEL M. S., AÇICI K., Asuroglu T.
Diagnostics, cilt.13, sa.15, 2023 (SCI-Expanded)
- VII. **Deep-Learning-Based Approaches for Semantic Segmentation of Natural Scene Images: A Review**
Emek Soylu B., Güzel M. S., Bostancı G. E., Ekinci F., Aşuroğlu T., Açıcı K.
ELECTRONICS (Basel), cilt.12, sa.12, ss.1-49, 2023 (SCI-Expanded)
- VIII. **Semantic Segmentation with High-Resolution Sentinel-1 SAR Data**
Erten H., Bostanci E., Acici K., Guzel M. S., Asuroglu T., Aydin A.
APPLIED SCIENCES-BASEL, cilt.13, sa.10, 2023 (SCI-Expanded)
- IX. **Machine Learning Analysis of RNA-seq Data for Diagnostic and Prognostic Prediction of Colon Cancer**
Bostanci E., Kocak E., Unal M., Guzel M. S., Açıcı K., Asuroglu T.
SENSORS, cilt.23, sa.6, 2023 (SCI-Expanded)
- X. **A New Approach for Gastrointestinal Tract Findings Detection and Classification: Deep Learning-Based Hybrid Stacking Ensemble Models**
Sivari E., BOSTANCI G. E., GÜZEL M. S., AÇICI K., Asuroglu T., Ercelebi Ayyıldız T.
DIAGNOSTICS, cilt.13, sa.4, 2023 (SCI-Expanded)
- XI. **Common Thorax Diseases Recognition Using Zero-Shot Learning With Ontology in the Multi-Labeled ChestX-ray14 Data Set**
Soysal O. A., Güzel M. S., Dikmen M., Bostancı G. E.
IEEE Access, cilt.11, ss.27883-27892, 2023 (SCI-Expanded)
- XII. **A NEW ALGORITHM FOR OPTIMAL SOLUTION OF FIXED CHARGE TRANSPORTATION PROBLEM**
Kartlı N., Bostanci E., GÜZEL M. S.
KYBERNETIKA, cilt.59, sa.1, ss.45-63, 2023 (SCI-Expanded)
- XIII. **A Monte Carlo Study for Soft Tissue Equivalency of Potential Polymeric Biomaterials Used in Carbon Ion Radiation Therapy**
Ekinci F., BOSTANCI G. E., GÜZEL M. S., DAĞLI Ö.
Nuclear Technology, cilt.209, sa.8, ss.1229-1239, 2023 (SCI-Expanded)
- XIV. **Cloudy/clear weather classification using deep learning techniques with cloud images**
KALKAN M., BOSTANCI G. E., GÜZEL M. S., Kalkan B., ÖZSARI Ş., Soysal O., Kose G.
COMPUTERS & ELECTRICAL ENGINEERING, cilt.102, 2022 (SCI-Expanded)
- XV. **Effect of different embolization materials on proton beam stereotactic radiosurgery Arteriovenous Malformation dose distributions using the Monte Carlo simulation code**
Ekinci F., Bostanci E., Guzel M. S., Dagli O.
JOURNAL OF RADIATION RESEARCH AND APPLIED SCIENCES, cilt.15, sa.3, ss.191-197, 2022 (SCI-Expanded)
- XVI. **Sentimental Analysis of Twitter Users from Turkish Content with Natural Language Processing**
Balli C., GÜZEL M. S., BOSTANCI G. E., Mishra A.
COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE, cilt.2022, 2022 (SCI-Expanded)
- XVII. **A Novel Hybrid Machine Learning Based System to Classify Shoulder Implant Manufacturers**

- Sivari E., GÜZEL M. S., BOSTANCI G. E., Mishra A.
HEALTHCARE, cilt.10, sa.3, 2022 (SCI-Expanded)
- XVIII. **Development of a hybrid system based on ABC algorithm for selection of appropriate parameters for disease diagnosis from ECG signals**
Ersoy E., BOSTANCI G. E., GÜZEL M. S.
Turkish Journal of Electrical Engineering and Computer Sciences, cilt.30, sa.5, ss.1788-1803, 2022 (SCI-Expanded)
- XIX. **A Low-Cost Q-Learning-Based Approach to Handle Continuous Space Problems for Decentralized Multi-Agent Robot Navigation in Cluttered Environments**
Ajabshir V. B., GÜZEL M. S., BOSTANCI G. E.
IEEE ACCESS, cilt.10, ss.35287-35301, 2022 (SCI-Expanded)
- XX. **A Novel Behavioral Strategy for RoboCode Platform Based on Deep Q-Learning**
Kayakoku H., GÜZEL M. S., BOSTANCI G. E., Medeni I. T., Mishra D.
COMPLEXITY, cilt.2021, 2021 (SCI-Expanded)
- XXI. **Proton Therapy for Mandibula Plate Phantom**
Senirkentli G. B., Ekinci F., BOSTANCI G. E., GÜZEL M. S., DAĞLI Ö., Karim A. M., Mishra A.
HEALTHCARE, cilt.9, sa.2, 2021 (SCI-Expanded)
- XXII. **Evolutionary neural networks for improving the prediction performance of recommender systems**
Seref B., BOSTANCI G. E., GÜZEL M. S.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.29, sa.1, ss.62-77, 2021 (SCI-Expanded)
- XXIII. **Adaptation of metaheuristic algorithms to improve training performance of an ESZSL model**
ÖZSARI Ş., GÜZEL M. S., BOSTANCI G. E., AYDIN A.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.29, sa.3, ss.1781-1796, 2021 (SCI-Expanded)
- XXIV. **An Effective Yield Estimation System Based on Blockchain Technology**
OSMANOĞLU M., TUĞRUL B., Dogantuna T., BOSTANCI G. E.
IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT, cilt.67, sa.4, ss.1157-1168, 2020 (SCI-Expanded)
- XXV. **Optimization of SASE operation for an X-ray free-electron laser Using multiple objective evolutionary algorithms**
AYDIN A., KETENOĞLU B., Bostanci E.
INDIAN JOURNAL OF PURE & APPLIED PHYSICS, cilt.58, sa.8, ss.635-641, 2020 (SCI-Expanded)
- XXVI. **A multiple objective evolutionary algorithm approach to find optimal design parameters for beam position**
AYDIN A., Bostanci E., TANRIÖVER Ö. Ö.
INTERNATIONAL JOURNAL OF MODERN PHYSICS C, cilt.31, sa.3, 2020 (SCI-Expanded)
- XXVII. **A Novel Action Recognition Framework Based on Deep-Learning and Genetic Algorithms**
Yilmaz A. A., Güzel M. S., Bostancı G. E., Askerbeyli İ.
IEEE ACCESS, cilt.8, ss.100631-100644, 2020 (SCI-Expanded)
- XXVIII. **Evolutionary approaches for weight optimization in collaborative filtering-based recommender systems**
YİĞİT SERT S., AR Y., BOSTANCI G. E.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.27, sa.3, ss.2121-2136, 2019 (SCI-Expanded)
- XXIX. **Statistical evaluation of corner detectors: does the statistical test have an effect?**
Anjum F., Kanwal N., Clark A. F., BOSTANCI G. E.
IET COMPUTER VISION, cilt.12, sa.7, ss.1018-1030, 2018 (SCI-Expanded)
- XXX. **Sensor fusion of camera, GPS and IMU using fuzzy adaptive multiple motion models**
BOSTANCI G. E., Bostanci B., Kanwal N., Clark A. F.
SOFT COMPUTING, cilt.22, sa.8, ss.2619-2632, 2018 (SCI-Expanded)
- XXXI. **Enhanced image coverage using evolutionary keypoint selection**
Bostanci E.

- IMAGING SCIENCE JOURNAL, cilt.65, sa.1, ss.30-39, 2017 (SCI-Expanded)
- XXXII. **A genetic algorithm solution to the collaborative filtering problem**
AR Y., BOSTANCI G. E.
EXPERT SYSTEMS WITH APPLICATIONS, cilt.61, ss.122-128, 2016 (SCI-Expanded)
- XXXIII. **Evaluation Method, Dataset Size or Dataset Content: How to Evaluate Algorithms for Image Matching?**
Kanwal N., BOSTANCI G. E., Clark A. F.
JOURNAL OF MATHEMATICAL IMAGING AND VISION, cilt.55, sa.3, ss.378-400, 2016 (SCI-Expanded)
- XXXIV. **Augmented reality applications for cultural heritage using Kinect**
BOSTANCI G. E., Kanwal N., Clark A. F.
HUMAN-CENTRIC COMPUTING AND INFORMATION SCIENCES, cilt.5, 2015 (SCI-Expanded)
- XXXV. **A Navigation System for the Visually Impaired: A Fusion of Vision and Depth Sensor**
Kanwal N., BOSTANCI G. E., Currie K., Clark A. F.
APPLIED BIONICS AND BIOMECHANICS, cilt.2015, 2015 (SCI-Expanded)
- XXXVI. **Matching corners using the informative arc**
Kanwal N., BOSTANCI G. E., Clark A. F.
IET COMPUTER VISION, cilt.8, sa.3, ss.245-253, 2014 (SCI-Expanded)
- XXXVII. **Is Hamming distance only way for matching binary image feature descriptors?**
Bostanci E.
ELECTRONICS LETTERS, cilt.50, sa.11, ss.806-807, 2014 (SCI-Expanded)
- XXXVIII. **Spatial Statistics of Image Features for Performance Comparison**
BOSTANCI G. E., Kanwal N., Clark A. F.
IEEE TRANSACTIONS ON IMAGE PROCESSING, cilt.23, sa.1, ss.153-162, 2014 (SCI-Expanded)
- XXXIX. **Describing corners using angle, mean intensity and entropy of informative arcs**
Kanwal N., Bostanci E., Clark A. F.
ELECTRONICS LETTERS, cilt.48, sa.4, ss.209-210, 2012 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Airborne imagery and lidar based 3D reconstruction using commercial drones**
Açı K., Erdal Ö. M., Yılmaz A., Ünal M., Bostancı G. E., Güzel M. S.
Communications Faculty of Sciences University of Ankara Series A2-A3: Physical Sciences and Engineering, cilt.65, sa.1, ss.16-29, 2023 (Hakemli Dergi)
- II. **ML BASED PREDICTION OF COVID-19 DIAGNOSIS USING STATISTICAL TESTS**
Özsarı Ş., Ortak F. Z., Güzel M. S., Başkır M. B., Bostancı G. E.
Communications Faculty of Sciences University of Ankara Series A2-A3: Physical Sciences and Engineering, cilt.65, sa.2, ss.79-99, 2023 (Hakemli Dergi)
- III. **USING OF DECISION TREE CLASSIFICATIONS METHOD FOR INTRUSION DETECTION IN INTERNET NETWORKS**
Salati M., Askerbeyli İ., Bostancı G. E., Güzel M. S.
Proceedings of the Institute of Applied Mathematics, cilt.11, sa.2, ss.71-89, 2022 (Hakemli Dergi)
- IV. **Distant augmented reality: Bringing a new dimension to user experience using drones**
ÜNAL M., BOSTANCI G. E., SERTALP E.
Digital Applications in Archaeology and Cultural Heritage, cilt.17, 2020 (Scopus)
- V. **Security Evaluation of Industry 4.0: Understanding Industry 4.0 on the Basis of Crime, Big Data, Internet of Thing (IoT) and Cyber Physical Systems**
ATEŞ E. C., BOSTANCI G. E., GÜZEL M. S.
Güvenlik Bilimleri Dergisi, ss.29-50, 2020 (Hakemli Dergi)
- VI. **GENERATING TURKISH LYRICS WITH LONG SHORT TERM MEMORY**
Erten H., GÜZEL M. S., BOSTANCI G. E.

Communications Faculty of Sciences University of Ankara Series A2-A3: Physical Sciences and Engineering, 2020
(Hakemli Dergi)

VII. MODERN LEARNING TECHNIQUES AND PLANT IMAGE CLASSIFICATION

ÜNAL M., BOSTANCI G. E., GÜZEL M. S., AYDIN A.

Communications Faculty of Sciences University of Ankara Series A2-A3: Physical Sciences and Engineering, 2020
(Hakemli Dergi)

VIII. RF ANTENNA DESIGN FOR BUTTON-TYPE BEAM POSITION MONITORS USING BIO-INSPIRED OPTIMIZATION METHODS

AYDIN A., Bostanci G. E.

Communications Faculty of Sciences University of Ankara Series A2-A3: Physical Sciences and Engineering, cilt.62, sa.1, ss.63-70, 2020 (Hakemli Dergi)

IX. Big Data, Data Mining, Machine Learning, and Deep Learning Concepts in Crime Data

Ates E. C., Bostanci E., GÜZEL M. S.

JOURNAL OF PENAL LAW AND CRIMINOLOGY-CEZA HUKUKU VE KRIMINOLOJİ DERGİSİ, cilt.8, sa.2, ss.293-319, 2020 (ESCI)

X. A New View on The Processing of Seismic Data With Artificial Neural Networks

AĞAOĞLU B., Ünal F. Z., GÜZEL M. S., BOSTANCI G. E., ASKERBEYLİ İ.

International Journal of Multidisciplinary Studies and Innovative Technologies, 2019 (Hakemli Dergi)

XI. A hard X-ray self-amplified spontaneous emission free-electron laser optimization using evolutionary algorithms for dedicated user applications

KETENOĞLU D., BOSTANCI G. E., AYDIN A., KETENOĞLU B.

TURKISH JOURNAL OF PHYSICS, cilt.43, sa.6, ss.551-555, 2019 (ESCI)

XII. Forensic Analysis of Amazon Alexa and Google Assistant Built-In Smart Speakers

yıldırım i., BOSTANCI G. E., GÜZEL M. S.

International Journal of Innovation Engineering and Science Research, cilt.3, sa.5, 2019 (Hakemli Dergi)

XIII. Ancient Tablet Indexation Service

Ayas M., Sönmez M. F., BOSTANCI G. E., GÜZEL M. S.

Eurasian Education Literature Journal, sa.UTKM3, 2019 (Hakemli Dergi)

XIV. A vehicle detection approach using deep learning methodologies

Yılmaz A., Güzel M. S., Bostancı G. E., Askerbeyli İ.

preprint, cilt.1, sa.1, 2018 (Hakemli Dergi)

XV. Optimization of potential field parameters using genetic algorithm

GÜZEL M. S., Ajabshir V. B., CAN S., BOSTANCI G. E.

Global Journal of Computer Sciences: Theory and Research, cilt.7, sa.2, ss.58-67, 2017 (Hakemli Dergi)

XVI. A Thread Building Blocks Based Parallel Genetic Algorithm

BOSTANCI G. E., AR Y., YİĞİT SERT S.

International Journal of Research and Reviews in Applied Sciences, cilt.31, sa.1, ss.1-8, 2017 (Hakemli Dergi)

XVII. Augmented Reality Applications for Cultural Heritage

Bostanci E.

PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, cilt.17, sa.3, ss.133-142, 2011 (ESCI)

Kitap & Kitap Bölümleri

I. Geant-4 Monte Carlo Simülasyon Kodu Kullanılarak Farklı Embolizasyon Malzemelerinin Gamma Knife Arteriyovenöz Malformasyon Doz Dağılımları Üzerindeki Etkisinin İstatistiksel Analizi

DAĞLI Ö., BOSTANCI G. E., EMEZ Ö. H., EKİNCİ F., BÖRCEK A. Ö., ÇELTİKÇİ E., GÜZEL M. S., KARAASLAN B.

INSAC Contemporary Trends in Human and Health Sciences Research, Prof. Dr. Ali Bilgili, Editör, Duvar Yayınları, Ankara, ss.375-383, 2022

II. Analysis of Interpolation-Based Image In-Painting Approaches

Zor M., Bostancı G. E., Güzel M. S., Karataş E.

Advanced Sensing in Image Processing and IoT, Rashmi Gupta, Arun Kumar Rana, Sachin Dhawan, Korhan Cengiz, Editör, CRC, New York , Florida, ss.153-170, 2022

III. Metaverse Evreninin Gelişiminde Açık Kaynak, Açık Veri Paylaşımı ve Veri Anonimleştirme Kavramlarının Değerlendirilmesi

ATEŞ E. C., BOSTANCI G. E., GÜZEL M. S.

Metaverse: Geleceğin Dünyalarını İnşa Edecek Teknolojiler, Fırsatlar ve Tehditler, Esen Fatih Sinan, Editör, Nobel, Ankara, ss.111-129, 2022

IV. Evolutionary Motion Model Transitions for Tracking Unmanned Air Vehicles

ÜNAL M., BOSTANCI G. E., GÜZEL M. S., ÜNAL F. Z., KANWAL N.

New Trends in Computational Vision and Bio-inspired Computing, Smys S., Iliyasa A.M., Bestak R., Shi F. (eds), Editör, Springer, Cham, ss.1193-1200, 2020

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. INTRUSION DETECTION OF INTERNET NETWORKS THROUGH DECISION TREE CLASSIFICATION

Salati M., Askerbeyli İ., Güzel M. S., Bostancı G. E.

8th International Conference on Control and Optimization with industrial application, Baku, Azerbaycan, 24 - 26 Ağustos 2022, cilt.1, ss.384-386

II. RISK ANALYSIS OF AN INVESTMENT PROJECT USING DEEP LEARNING TECHNIQUES

Özcan D., Askerbeyli İ., Bostancı G. E.

8th International Conference on Control and Optimization with Industrial applications, Baku, Azerbaycan, 24 - 26 Ağustos 2022, cilt.2, ss.375-377

III. A New Algorithm For The Initial Feasible Solutions Of Fixed Charge Transportation Problem

Kartlı N., BOSTANCI G. E., GÜZEL M. S.

7th International Conference on Computer Science and Engineering, UBMK 2022, Diyarbakır, Türkiye, 14 - 16 Eylül 2022, ss.82-85

IV. Mobile Robot Navigation with Swarm Intelligence using a Decentralized Strategy

GÜZEL M. S., Bostancı E., Mishra A.

IEEE/SICE International Symposium on System Integration (SII), ELECTR NETWORK, 9 - 12 Ocak 2022, ss.838-843

V. Genetic Hyperparameter Optimization Library Development and Its Application on Plant Disease Detection Problem

Soylu K., GÜZEL M. S., Soylu B., BOSTANCI G. E.

28th Signal Processing and Communications Applications Conference (SIU), ELECTR NETWORK, 5 - 07 Ekim 2020

VI. Estimates financial return with ANFIS method

Ozcan D., ASKERBEYLİ İ., BOSTANCI G. E.

IV Int Conference on Theoretical and Applied CS and engineering, 11 - 12 Ekim 2019, ss.70-76

VII. Main Agricultural Crop Classification Using SVM in Harran Plane

Taş T., Şimşek F. E., BAYRAMİN İ., GÜZEL M. S., BOSTANCI G. E.

ICTACSE 2019, 11 Ekim 2019

VIII. Understanding Industry 4.0 on the Basis of Security, IoT (Internet Of Thing) And Big Data: Evaluation Of Possible Crimes And Remedies

ATEŞ E. C., BOSTANCI G. E., GÜZEL M. S.

International Security Congress (Theory, Method, Practice), Ankara, Türkiye, 19 - 20 Eylül 2019, ss.39-41

IX. Classification and Success Investigation of Biomedical Data Sets Using Supervised Machine Learning Models

Mohammed S. N., Serdar Guzel M., BOSTANCI G. E.

3rd International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2019, Ankara, Türkiye, 11 - 13 Ekim 2019

X. Data Mining on Twitter: Sample Analysis of Tweets Related to Cyberbullying

ATEŞ E. C., BOSTANCI G. E., GÜZEL M. S.

International Security Congress (Theory, Method, Practice), Ankara, Türkiye, 19 - 20 Eylül 2019, ss.195-197

- XI. **Network Anomaly Detection System using Genetic Algorithm, Feature Selection and Classification**
Uysal E. I., Demircioğlu G., Kale G., BOSTANCI G. E., GÜZEL M. S., Mohammed S. N.
3rd International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2019, Ankara, Türkiye, 11 - 13 Ekim 2019
- XII. **A New View on The Processing of Seismic Data With Artificial Neural Networks**
Ağaoğlu B., Ünal Z., GÜZEL M. S., BOSTANCI G. E., ASKERBEYLİ İ.
International Conference HORA, 5 - 07 Temmuz 2019
- XIII. **Surveillance and Reconnaissance Using a Swarm of Unmanned Aerial Vehicles**
aydın m., BOSTANCI G. E., GÜZEL M. S.
International Security Congress, 19 - 20 Eylül 2019
- XIV. **A Fuzzy Rule Based Visual Criminal Tracking System for Drones**
çetinkaya o. t., sandal s., BOSTANCI G. E., GÜZEL M. S., Kanwal N.
4 th International Conference on Computer Science and Engineering, 11 - 13 Eylül 2019
- XV. **An IOT based Mobile Radar System**
Aydoğan E., BOSTANCI G. E., GÜZEL M. S., AYDIN A.
International Conference on Advanced Technologies, Computer Engineering and Science (ICATCES 2019), 26 - 28 Nisan 2019
- XVI. **3D Scene Reconstruction using a Swarm of Drones**
aydın m., BOSTANCI G. E., GÜZEL M. S.
International Conference on Advanced Technologies, Computer Engineering and Science, 26 - 28 Nisan 2019
- XVII. **Forensic Analysis with Anti-Forensic Case Studies on Amazon Alexa and Google Assistant Build-In Smart Home Speakers**
Yildirim I., BOSTANCI G. E., GÜZEL M. S.
4th International Conference on Computer Science and Engineering (UBMK), Samsun, Türkiye, 11 - 15 Eylül 2019, ss.271-273
- XVIII. **Comparison of Region Filling Algorithms Using Texture Synthesis Methodologies**
Yılmaz A. A., GÜZEL M. S., Askerzade İ., BOSTANCI G. E.
6th International Conference on Electrical and Electronics Engineering (ICEEE), İstanbul, Türkiye, 16 - 17 Nisan 2019, ss.340-343
- XIX. **Performance Comparison of Naive Bayes and Complement Naive Bayes Algorithms**
Seref B., BOSTANCI G. E.
6th International Conference on Electrical and Electronics Engineering (ICEEE), İstanbul, Türkiye, 16 - 17 Nisan 2019, ss.131-138
- XX. **Desktop Artillery Simulation Using Augmented Reality**
Yavuz M. U., Sayar R., Yılmaz B., BOSTANCI G. E., GÜZEL M. S., Yılmaz A. A.
6th International Conference on Electrical and Electronics Engineering (ICEEE), İstanbul, Türkiye, 16 - 17 Nisan 2019, ss.79-85
- XXI. **A Fuzzy Rule Based Visual Human Tracking System for Drones**
Cetinkaya O. T., Sandal S., BOSTANCI G. E., GÜZEL M. S., OSMANOĞLU M., Kanwal N.
4th International Conference on Computer Science and Engineering (UBMK), Samsun, Türkiye, 11 - 15 Eylül 2019, ss.274-279
- XXII. **Optimization of medium voltage load break switchgear using multiple objective evolutionary algorithms**
Ates H., BOSTANCI G. E., GÜZEL M. S.
3rd International Conference on Applied Automation and Industrial Diagnostics (ICAAID), Elazığ, Türkiye, 25 - 27 Eylül 2019
- XXIII. **A Neural Expert System Based Dental Trauma Diagnosis Application**
Senirkentli G. B., Sen S., Farsak O., BOSTANCI G. E.
Medical Technologies Congress (TIPTEKNO), İzmir, Türkiye, 3 - 05 Ekim 2019, ss.188-191

- XXIV. **Anomally Based DDOSS Attack Detection and Prevention with Machine Learning**
dinçalp u., GÜZEL M. S., BOSTANCI G. E., SEVİNÇ Ö.
ISMSIT 2018, 19 - 21 Ekim 2018
- XXV. **Designing Yield Estimation Mechanism Using Blockchain Technology**
Doğantuna T., Ceran A. A., Tuğrul B., Demir S., Osmanoğlu M., Bostancı G. E.
3. International Conference on Theoretical and Applied Computer Science and Engineering, Ankara, Türkiye, 23 - 24 Kasım 2018, ss.82-85
- XXVI. **Evolutionary Fuzzy Adaptive Motion Models for User Tracking in Augmented Reality Applications**
AR Y., ÜNAL M., YİĞİT S., BOSTANCI G. E., Kanwal N., GÜZEL M. S.
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2018, Kizilcahamam, Ankara, Türkiye, 19 - 21 Ekim 2018
- XXVII. **Evolutionary Fuzzy Adaptive Motion Models for User Tracking in Augmented Reality Applications**
AR Y., ÜNAL M., Sert S. Y., BOSTANCI G. E., Kanwal N., GÜZEL M. S.
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2018, Kizilcahamam, Ankara, Türkiye, 19 - 21 Ekim 2018
- XXVIII. **Geo-location Based Augmented Reality Application for Cultural Heritage Using Drones**
ÜNAL M., BOSTANCI G. E., SERTALP E., GÜZEL M. S., Kanwal N.
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2018, Kizilcahamam, Ankara, Türkiye, 19 - 21 Ekim 2018
- XXIX. **Social Media Analyze with SVM Classifier and PCA**
SEVİNÇ Ö., GÜZEL M. S., ASKERBEYLİ İ., BOSTANCI G. E.
TMMOB Elektrik Mühendisleri Odası, Türkiye, 30 Kasım - 01 Aralık 2018
- XXX. **A Vehicle Detecti on Approach Using Deep Learning Methodologies**
ASKERBEYLİ İ., GÜZEL M. S., BOSTANCI G. E., Yılmaz A. A.
II. International Conference on theoretical and applied computer science and engineering, Ankara, Türkiye, 23 - 24 Kasım 2018, ss.64-70
- XXXI. **Comparison of the AlexNet based Face Recognition System with the State of the Art Methods**
ASKERBEYLİ İ., GÜZEL M. S., BOSTANCI G. E., unal m., unal f. z., Nattharith P.
II. International Conference on theoretical and Applied Computer Science and Engineering, Ankara, Türkiye, 23 - 24 Kasım 2018, ss.2023
- XXXII. **Detection of Light Sleep Periods Using an AccelerometerBased Alarm System**
Turkyılmaz E., Akgül A., BOSTANCI G. E., GÜZEL M. S.
International Conference on Advanced Technologies, Computer Engineering and Science (ICATCES'18), 11 - 13 Mayıs 2018
- XXXIII. **Live Target Detection with Deep Learning NeuralNetwork and Unmanned Aerial Vehicle on AndroidMobile Device**
Anar A. C., BOSTANCI G. E., GÜZEL M. S.
International Conference on Advanced Technologies, Computer Engineering and Science (ICATCES'18), 11 - 13 Mayıs 2018
- XXXIV. **Geo-location Based Augmented Reality Application For Cultural Heritage Using Drones**
</bold>
ÜNAL M., Bostancı E., SERTALP E., GÜZEL M. S., Kanwal N.
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Kizilcahamam, Türkiye, 19 - 21 Ekim 2018, ss.399-402
- XXXV. **Sentiment Analysis using Naive Bayes and Complement Naive Bayes Classifier Algorithms on Hadoop Framework**
Seref B., BOSTANCI G. E.
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Kizilcahamam, Türkiye, 19 - 21 Ekim 2018, ss.555-561
- XXXVI. **Anomaly Based Distributed Denial of Service Attack Detection and Prevention with Machine Learning**

Dincalp U., GÜZEL M. S., SEVİNÇ Ö., BOSTANCI G. E., Askerzade İ.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Kizilcahamam, Türkiye, 19 - 21 Ekim 2018, ss.600-603

XXXVII. **Evolutionary Fuzzy Adaptive Motion Models for User Tracking in Augmented Reality Applications**

Ar Y., Ünal M., Yiğit Sert S., Bostanci E., Kanwal N., Güzel M. S.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Kizilcahamam, Türkiye, 19 - 21 Ekim 2018, ss.409-414

XXXVIII. **Custom RFID Location Simulator**

Yilmaz H., Nacar O., Sezgin O., BOSTANCI G. E., GÜZEL M. S., Sevinc O.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Kizilcahamam, Türkiye, 19 - 21 Ekim 2018, ss.527-533

XXXIX. **Cybercrimes Against Children in Turkey**

Ates E. C., BOSTANCI G. E., GÜZEL M. S.

6th International Symposium on Digital Forensic and Security (ISDFS), Antalya, Türkiye, 22 - 25 Mart 2018, ss.324-329

XL. **Comparison of Genetic Algorithm and PSO Method for Optimization of Potential Fields Parameters**

AJABSHIR V. B., CAN S., GÜZEL M. S., BOSTANCI G. E., ASKERBEYLİ İ.

International Conference on Theoretical and Applied Computer Science and Engineering (ICTACSE, 2017), Ankara, Türkiye, 10 Kasım - 11 Aralık 2017

XLI. **Optimization of potential field parameters using genetic algorithm**

Ajabshir V. B., GÜZEL M. S., Can S., BOSTANCI G. E.

4th World Conference on Computer Engineering, 28 - 30 Ağustos 2017

XLII. **A Fuzzy Brute Force Matching Method for Binary Image Features**

BOSTANCI G. E., Kanwal N., Bostancı B., GÜZEL M. S.

International Conference on Theoretical and Applied Computer Science and Engineering (ICTACSE), 10 - 11 Kasım 2017

XLIII. **Comparison of Genetic Algorithm and PSO method for optimization of potential field parameters**

Ajabshir V., Can S., GÜZEL M. S., BOSTANCI G. E., ASKERBEYLİ İ.

International Conference on Theoretical and Applied Computer Science and Engineering, 10 - 11 Kasım 2017

XLIV. **Finding Minimum Area Ellipse for Data Points using a Genetic Algorithm**

BOSTANCI G. E., Kanwal N., Bostancı B., GÜZEL M. S.

15th International Geometry Symposium, 3 - 06 Temmuz 2017

XLV. **A Mobile Robot Navigation System Using a Map-Building Based Approach**

GÜZEL M. S., Can S., Erdem H., Şentürk B., BOSTANCI G. E.

International Conference on Science, Engineering and Technology, 22 - 23 Haziran 2017

XLVI. **Genetic Algorithm Based Floor Planning System**

Özlem D., BOSTANCI G. E., GÜZEL M. S.

International Conference on Advances and Innovations in Engineering, 10 - 12 Mayıs 2017, ss.924-928

XLVII. **An Adaptive Pattern Formation Approach for Swarm Robots**

GÜZEL M. S., Gezer E. C., Ajabshir V. B., BOSTANCI G. E.

4th International Conference on Electrical and Electronic Engineering (ICEEE), Ankara, Türkiye, 8 - 10 Nisan 2017, ss.194-198

XLVIII. **Opportunities, threats and future directions in big data for medical wearables**

Seref B., BOSTANCI G. E.

2016 International Conference on Big Data and Advanced Wireless Technologies, BDAW 2016, Blagoevgrad, Bulgaristan, 10 - 11 Kasım 2016

XLIX. **Modelling Human Body Motion using Lagrange Interpolation**

Halici E., BOSTANCI G. E.

24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Türkiye, 16 - 19 Mayıs 2016, ss.493-496

- L. **Intelligent Drone Navigation for Search and Rescue Operations**
Yavuz D., Akbiyik H., BOSTANCI G. E.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Türkiye, 16 - 19 Mayıs 2016, ss.565-568
- LI. **Medical Wearable Technologies: Applications, Problems and Solutions**
BOSTANCI G. E.
Medical Technologies National Conference (TIPTEKNO), Bodrum, Türkiye, 15 - 18 Ekim 2015
- LII. **An Evaluation of Classification Algorithms Using Mc Nemar's Test**
Bostanci B., Bostanci E.
7th International Conference on Bio-Inspired Computing: Theories and Applications (BIC-TA 2012), Madhya Pradesh, Hindistan, 14 - 16 Aralık 2012, cilt.201, ss.15-26
- LIII. **Kinect-Derived Augmentation of the Real World for Cultural Heritage**
BOSTANCI G. E., Kanwal N., Clark A. F.
UKSim-AMSS 15th International Conference on Computer Modelling and Simulation (UKSim), Cambridge, Kanada, 10 - 12 Nisan 2013, ss.117-122
- LIV. **Vision-based User Tracking for Outdoor Augmented Reality**
BOSTANCI G. E., Clark A. F., Kanwal N.
17th IEEE Symposium on Computers and Communications (ISCC), Türkiye, 1 - 04 Temmuz 2012, ss.566-568
- LV. **Living the Past in the Future**
Bostanci E., Clark A. F.
7th International Conference on Intelligent Environments, Nottingham, İngiltere, 25 - 26 Temmuz 2011, cilt.10, ss.167-172
- LVI. **A Statistical Approach for Comparing the Performances of Corner Detectors**
Kanwal N., Ehsan S., BOSTANCI G. E., Clark A. F.
IEEE Pacific Rim Conference on Communications, Computers and Signal Processing (PACRIM), Victoria, Kanada, 23 - 26 Ağustos 2011, ss.321-326
- LVII. **Using web services to support battlefield visualization and tactical decision making**
Koyuncu B., BOSTANCI G. E.
CSSim 2009 - 1st International Conference on Computational Intelligence, Modelling, and Simulation, Brno, Çek Cumhuriyeti, 7 - 09 Eylül 2009, ss.138-141
- LVIII. **3D Battlefield Modeling and Simulation of War Games**
Koyuncu B., BOSTANCI G. E.
3rd International Conference on Communications and Information Technology, Vouliagmeni, Yunanistan, 29 - 31 Aralık 2009, ss.64-65
- LIX. **A Scenario Based Virtual Military Sandbox Implementation Using Web Services**
Koyuncu B., BOSTANCI G. E.
International Conference on Advanced Computer Control, Singapore, Singapur, 22 - 24 Ocak 2009, ss.767-771
- LX. **Using Lanchester combat models to aid battlefield visualization**
Koyuncu B., BOSTANCI G. E.
2nd IEEE International Conference on Computer Science and Information Technology, Beijing, Çin, 8 - 11 Ağustos 2009, ss.290-292

Metrikler

Yayın: 129

Atf (WoS): 296

Atf (Scopus): 532

H-İndeks (WoS): 9

H-İndeks (Scopus): 12