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Personal Information

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Education Information

Doctorate, Baskent University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 1998 - 2003

Post Graduate, Kirikkale University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 1996 - 1997

Under Graduate, Yıldız Technical University, Elektrik-Elektronik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 1987 - 1992

Foreign Languages

German, B2 Upper Intermediate

English, C1 Advanced

Dissertations

Doctorate, Delta-sigma örneklemeli altdizilim işlemeye dayalı bir demetleme yöntemi, Baskent University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), 2003

Post Graduate, Yapay açıklığa dayalı ultrasonik görüntüleme için hareket tahmini, Kirikkale University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 1997

Research Areas

Signal Processing for Sensor Sequences, Image and Video Processing, Pattern Recognition and Analysis, Computer Vision, Equipment, Logic Design, Pattern Recognition and Image Processing, Biomedical Image Processing

Academic Titles / Tasks

Professor, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2020 - Continues

Associate Professor, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2015 - 2020

Associate Professor, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2012 - 2015

Lecturer, Baskent University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1999 - 2003

Research Assistant, Baskent University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 1998 - 1999

Research Assistant, Kirikkale University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 1995 - 1998

Professional Experience

Head of Department, Gazi University, Bilişim Enstitüsü, Bilgisayar Bilimleri Anabilim Dalı (Disiplinlerarası), 2020 - Continues

Head of Department, Gazi University, Fen Bilimleri Enstitüsü, Bilgi Güvenliği Mühendisliği Anabilim Dalı (Disiplinlerarası), 2016 - 2017

Deputy Head of Department, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2005 - 2015

Courses

EEE482 Data Structures, Under Graduate, 2017 - 2018
EEE304 Microprocessors, Under Graduate, 2017 - 2018
EEM304E MİKROİŞLEMCİLER, Under Graduate, 2016 - 2017, 2017 - 2018
EEE306 Microprocessors Laboratory, Under Graduate, 2017 - 2018
5031329 İLERİ SAYISAL TASARIM, Post Graduate, 2016 - 2017, 2017 - 2018
5191329 ÖRÜNTÜ TANIMA, Doctorate, 2017 - 2018
EEE392 Project Management, Under Graduate, 2017 - 2018
5911306 FPGA PROGRAMLAMA, Post Graduate, 2016 - 2017, 2017 - 2018
EEM482E VERİ YAPILARI, Under Graduate, 2017 - 2018
BEBB5108 GÖRÜNTÜ ANALİZİ, Post Graduate, 2017 - 2018
EEM481E BİLGİSAYAR MİMARİSİ, Under Graduate, 2017 - 2018
BM209 SAYISAL TASARIM, Under Graduate, 2016 - 2017, 2017 - 2018
BEBB5002 ALGORİTMA TASARIMI, Post Graduate, 2017 - 2018
EEE481 Computer Architecture, Under Graduate, 2017 - 2018
5131305 GÖRÜNTÜ İŞLEME, Post Graduate, 2017 - 2018
5131310 GÖRÜNTÜ İŞLEME (UZAKTAN EĞİTİM), Post Graduate, 2017 - 2018
EEM103E COMPUTER PROGRAMMING, Under Graduate, 2016 - 2017, 2017 - 2018
BM212 BİLGİSAYAR TASARIMI, Under Graduate, 2016 - 2017
5101305 BİLGİSAYARLA GÖRME, Post Graduate, 2016 - 2017
5261351 C OBJECT - ORIENTED PROGRAMMING, Post Graduate, 2016 - 2017
EEM104E MANTIKSAL DEVRE TASARIMI, Under Graduate, 2016 - 2017

Advising Theses

BİLGE H. Ş., HAVA VE UYDU GÖRÜNTÜLERİ ÜZERİNDE DERİN ÖĞRENME TABANLI ARAÇ TESPİT VE SINIFLANDIRMASI, Post Graduate, Ö.ER(Student), 2020
BİLGE H. Ş., TERMAL GÖRÜNTÜLERDE GÜRÜLTÜNÜN GİDERİLMESİNE YÖNELİK SAYISAL FİLTRE TASARIMI, Post Graduate, Y.EREN(Student), 2020
BİLGE H. Ş., ULTRASON GÖRÜNTÜLERİNDE DERİN ÖĞRENME YAKLAŞIMIYLA SÜPER ÇÖZÜNÜRLÜK, Doctorate, H.TEMİZ(Student), 2020
BİLGE H. Ş., Derin üretici ağlar ile ölçeklenebilir ikili görüntü oluşturma ve tek görüntüden üç boyutlu nesne yapılandırma, Doctorate, C.GÜZEL(Student), 2020
BİLGE H. Ş., Akıllı araçlar için bulanık mantık temelli siber güvenlik risk modeli, Doctorate, O.MURATOĞLU(Student), 2020
BİLGE H. Ş., Road damage detection with deep learning methods, Post Graduate, H.BALCI(Student), 2019
BİLGE H. Ş., Fourier bölgesinde çapraz ilinti yöntemi ile ses kaynağının konumunun fpga kullanarak tespiti, Post Graduate, M.ÖZTÜRK(Student), 2019
BİLGE H. Ş., Büyük hacimli görüntü veri tabanlarında hızlı görüntü arama, Doctorate, O.DURMAZ(Student), 2019
BİLGE H. Ş., Implementation Of Warped Vortex Algorithm On A Military Rescue Simulation, Post Graduate, S.BİLECEN(Student), 2019
BİLGE H. Ş., Derin metrik öğrenme ile histopatolojik görüntülerin sınıflandırılması, Doctorate, M.KAYA(Student), 2019

BİLGE H. Ş. , Automatic Classification Of Liver Veins In Ultrasound Images, Post Graduate, A.MENTEŞE(Student), 2018

BİLGE H. Ş. , Content Based Image Retrieval With Sparse Representation, Doctorate, C.ÇELİK(Student), 2017

BİLGE H. Ş. , Realtime Facial Expression And Emotion Recognition, Post Graduate, N.KARAASLAN(Student), 2017

BİLGE H. Ş. , Heart Sound (Phonocardiogram) In Identity Verification, Post Graduate, F.TAFAKHERI(Student), 2017

BİLGE H. Ş. , Classification In Lorentzian Space, Doctorate, Y.KERIMBEKOV(Student), 2017

BİLGE H. Ş. , Fast Search System For Large Face Databases, Post Graduate, A.EDİP(Student), 2016

BİLGE H. Ş. , Copy Move Digital Image Forgery Detection, Post Graduate, A.BOZ(Student), 2016

BİLGE H. Ş. , Effective Analysis Of Security Systems Logs By Using Data Mining Methods, Post Graduate, I.ÇİNAR(Student), 2015

BİLGE H. Ş. , Classification By Dimension Reduction Of Multidimensional Data Sets In Bioinformatics, Post Graduate, H.ZEHRA(Student), 2015

BİLGE H. Ş. , Coded excitation ultrasound imaging, Post Graduate, S.MAHMOOD(Student), 2014

BİLGE H. Ş. , Ultrasonic imaging with code excitation method, Post Graduate, F.ÇERİK(Student), 2014

BİLGE H. Ş. , Face recognition system with class-wise two dimensional principal component analysis, Post Graduate, C.GÜZEL(Student), 2014

BİLGE H. Ş. , Feature selection and classification on gene expression data, Post Graduate, M.KAYA(Student), 2014

BİLGE H. Ş. , Region based partial face recognition, Post Graduate, V.YİĞİT(Student), 2013

BİLGE H. Ş. , Biometric systems in cyber security and face recognition, Post Graduate, S.FİLİZ(Student), 2013

BİLGE H. Ş. , Classification of scientific manuscripts using text processing methods, Post Graduate, S.KALİYEVA(Student), 2013

BİLGE H. Ş. , Data mining solutions for tele marketing as a direct marketing tool: An application on bank costumers, Post Graduate, M.BİLGEHAN(Student), 2013

BİLGE H. Ş. , Implementation of image processing algorithms on FPGA, Post Graduate, M.FATİH(Student), 2012

BİLGE H. Ş. , Kanserli hücrelerin mikroarray gen ifadelerinin incelenmesi ve veri madenciliği yöntemleri kullanarak sınıflandırılması, Post Graduate, M.AKIN(Student), 2012

BİLGE H. Ş. , 3D face reconstruction from 2D images for face recognition, Post Graduate, V.SALMA(Student), 2012

BİLGE H. Ş. , Effects of dimensionality reduction and feature selection in text categorization, Post Graduate, O.DURMAZ(Student), 2011

BİLGE H. Ş. , Face classification using quality weighted self organizing maps, Post Graduate, M.ÇEVİKER(Student), 2011

BİLGE H. Ş. , Fotometrik stereo tabanlı 3 boyutlu yüz tanıma, Post Graduate, E.TEMİZKAN(Student), 2011

BİLGE H. Ş. , 3 boyutlu ayrik kosinüs dönüşümü tabanlı yüz bulma ve tanıma, Doctorate, G.GÜNLÜ(Student), 2010

BİLGE H. Ş. , 3 BOYUTLU AYRIK KOSİNÜS DÖNÜŞÜMÜ TABANLI YÜZ BULMA VE TANIMA, G.GÜNLÜ(Student), 2010

BİLGE H. Ş. , Mikrofon dizileri ile telekonferans sistemlerinin iyileştirilmesi, Post Graduate, E.SULTAN(Student), 2010

BİLGE H. Ş. , Comparison of speckle reduction techniques in ultrasound images, Post Graduate, A.ŞİMŞEK(Student), 2010

BİLGE H. Ş. , 3D SHAPE RECONSTRUCTION USING 2D IMAGES, Post Graduate, M.KARAMAN(Student), 2009

BİLGE H. Ş. , YÜZ TANIMADA AYDINLANMANIN ETKİSİNİN UYARLANIR HİSTOGRAM EĞİTİLEME İLE AZALTIMASI, E.S.KHURSHED(Student), 2009

BİLGE H. Ş. , Yüz tanımda aydınlanmanın etkisinin uyarlanı histogram eşitleme ile azaltılması, Post Graduate, E.KHURSHED(Student), 2009

BİLGE H. Ş. , PROCESSING OF REDUNDANCY IN IMAGE SEQUENCES, Post Graduate, M.ATALAR(Student), 2008

BİLGE H. Ş. , IMAGE REGISTRATION, Post Graduate, Ö.ÇEVİK(Student), 2008

BİLGE H. Ş. , MODELING HIERARCHICAL DATA FOR XML DATABASE AND FINDING THEIR SIMILARITY, Ö.YÜREKTEN(Student), 2007

BİLGE H. Ş. , COMPARISON OF METHODS THAT CAN BE USED FOR INDEXING AND DEVELOPMENT OF A SEARCH SYSTEM, Post Graduate, H.ONUR(Student), 2007

BİLGE H. Ş. , Hiyerarşik verilerin XML veritabanı olarak modellenmesi ve aralarındaki benzerliğin bulunması, Post Graduate, Ö.YÜREKTEN(Student), 2007

BİLGE H. Ş. , SOUND SOURCE LOCALIZATION IN MICROPHONE ARRAYS USING GENETIC ALGORITHM, Post Graduate, E.ÇONTAR(Student), 2007

BİLGE H. Ş. , DOCUMENT CLASSIFICATION WITH SELF-ORGANIZING MAPS, Post Graduate, Y.ALPDOĞAN(Student), 2007

BİLGE H. Ş. , Görüntü işleme yöntemleri ile doku sınırlarının belirlenmesi, Post Graduate, V.VERİM(Student), 2005

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Class-aware single image to 3D object translational autoencoder**
GÜZEL TURHAN C., BİLGE H. Ş.
IET IMAGE PROCESSING, vol.14, no.13, pp.3046-3053, 2020 (Journal Indexed in SCI)
- II. **Scalable image generation and super resolution using generative adversarial networks**
GÜZEL TURHAN C., BİLGE H. Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.2, pp.953-966, 2020 (Journal Indexed in SCI)
- III. **Super Resolution of B-Mode Ultrasound Images With Deep Learning**
Temiz H., BİLGE H. Ş.
IEEE ACCESS, vol.8, pp.78808-78820, 2020 (Journal Indexed in SCI)
- IV. **Fast image similarity search by distributed locality sensitive hashing**
Durmaz O., BİLGE H. Ş.
PATTERN RECOGNITION LETTERS, vol.128, pp.361-369, 2019 (Journal Indexed in SCI)
- V. **Deep Metric Learning: A Survey**
Kaya M., BİLGE H. Ş.
SYMMETRY-BASEL, vol.11, no.9, 2019 (Journal Indexed in SCI)
- VI. **Content based image retrieval with sparse representations and local feature descriptors: A comparative study**
Celik C., BİLGE H. Ş.
PATTERN RECOGNITION, vol.68, pp.1-13, 2017 (Journal Indexed in SCI)
- VII. **Class-wise two-dimensional PCA method for face recognition**
GÜZEL TURHAN C., BİLGE H. Ş.
IET COMPUTER VISION, vol.11, no.4, pp.286-300, 2017 (Journal Indexed in SCI)
- VIII. **The use of Lorentzian distance metric in classification problems**
Kerimbekov Y., BİLGE H. Ş. , UĞURLU H. H.
PATTERN RECOGNITION LETTERS, vol.84, pp.170-176, 2016 (Journal Indexed in SCI)
- IX. **FEATURE SELECTION WITH WEIGHTED CONDITIONAL MUTUAL INFORMATION**
Celik C., BİLGE H. Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.30, no.4, pp.585-596, 2015 (Journal Indexed in SCI)
- X. **GENE SELECTION FOR BREAST CANCER CLASSIFICATION BASED ON DATA FUSION AND GENETIC ALGORITHM**
YILDIZ O., Tez M., BİLGE H. Ş. , AKCAYOL M. A. , GÜLER İ.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.27, no.3, pp.659-668, 2012 (Journal Indexed in SCI)
- XI. **KUZEM LMS: A new learning management system for online education**
ERGÜZEN A., Erel S., UZUN İ., BİLGE H. Ş. , ÜNVER H. M.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART B-SOCIAL AND EDUCATIONAL STUDIES, vol.4, no.3, pp.1865-1878, 2012 (Journal Indexed in SCI)
- XII. **Face Recognition with Discriminating 3D DCT Coefficients**
Gunlu G., BİLGE H. Ş.
COMPUTER JOURNAL, vol.53, no.8, pp.1324-1337, 2010 (Journal Indexed in SCI)
- XIII. **Delta-sigma subarray beamforming for ultrasound imaging**
Bilge H. Ş.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.18, no.6, pp.1003-1018, 2010 (Journal Indexed in SCI)
- XIV. **MODELING A HIERARCHICAL DATABASE WITH XML**
Yurekten O., BİLGE H. Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.24, no.4, pp.629-639,

2009 (Journal Indexed in SCI)

XV. CLASSIFICATION OF COURSE CONTENTS BY USING SELF-ORGANIZING MAPS

Alpdogan Y., BİLGE H. Ş.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.24, no.2, pp.303-310,

2009 (Journal Indexed in SCI)

XVI. A ROBUST MOTION ESTIMATION BY USING PSEUDO PHASE

Atalar M., BİLGE H. Ş.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.24, no.1, pp.171-181,

2009 (Journal Indexed in SCI)

Articles Published in Other Journals

I. A Review on Cyber Risk Management

Okul Ş., Muratoğlu O., AYDIN M. A. , BİLGE H. Ş.

Acta INFOLOGICA, vol.3, no.1, pp.34-45, 2019 (Refereed Journals of Other Institutions)

II. SECURITY ATTACKS IN V2V COMMUNICATION

OKUL Ş., MURATOĞLU O., AYDIN M. A. , BİLGE H. Ş.

National Security and Military Sciences, vol.4, no.4, pp.58-63, 2018 (Refereed Journals of Other Institutions)

III. Multi Featured Content Based Image Retrieval Using Color and Texture Features

Ayan M., ERDEM O. A. , BİLGE H. Ş.

Applied Mechanics and Materials, vol.850, pp.136-143, 2016 (Refereed Journals of Other Institutions)

IV. Statistical Analysis and Intrusion Detection of Web Logs by Using Web Mining Methods

Çinar I., BİLGE H. Ş.

INTERNATIONAL JOURNAL OF INFORMATICS TECHNOLOGIES, vol.9, no.2, pp.125-135, 2016 (Refereed Journals of Other Institutions)

V. Yumurtalık Kanseri Teşhisine Yönelik Gen İfadelerinin Veri Madenciliği ile Analizi

DEMİRCİOĞLU H. Z. , BİLGE H. Ş.

Marmara Fen Bilimleri Dergisi, vol.27, no.4, 2015 (Other Refereed National Journals)

VI. Analysis for feature extraction on block based spatial domain

GÜZEL TURHAN C., BİLGE H. Ş.

Global Journal on Technology, no.7, pp.65-70, 2015 (Refereed Journals of Other Institutions)

VII. Breast Cancer Diagnosis Based On Naive Bayes Machine Learning Classifier With Knn Missing Value Imputation

GÜZEL TURHAN C., KAYA M., YILDIZ O., BİLGE H. Ş.

Global Journal on Technology, vol.4, no.2, pp.401-407, 2013 (Refereed Journals of Other Institutions)

VIII. Tele Pazarlama Verilerinin Birliktelik Kurallarıyla Ve Crisp Dm Yöntemiyle Analiz Edilmesi

AYTAÇ M. B. , BİLGE H. Ş.

Aksaray Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, vol.5, no.2, pp.25-39, 2013 (Other Refereed National Journals)

IX. Breast Cancer Diagnosis Based on Naïve Bayes Machine Learning Classifier with KNN Missing Data Imputation

GÜZEL TURHAN C., KAYA M., YILDIZ O., BİLGE H. Ş.

Global Journal on Technology, vol.4, no.2, pp.401-407, 2013 (Refereed Journals of Other Institutions)

X. Shape and Texture based Face Recognition on Overlapping 3D Sub regions

GÜNLÜ G., BİLGE H. Ş.

COMPUTATIONAL PROBLEMS IN ENGINEERING, vol.62, pp.293-298, 2010 (Refereed Journals of Other Institutions)

XI. Sound Source Localization in Microphone Arrays Using Genetic Algorithm

Çontar E., BİLGE H. Ş.

Bilişim Teknolojileri Dergisi, vol.1, no.1, pp.23-33, 2008 (Other Refereed National Journals)

XII. Prostate Contour Extraction from Ultrasound Images

BİLGE H. Ş., Verim V.

Journal Of The Faculty Of Engineering And Architecture Of Gazi University, vol.22, no.3, pp.407-413, 2007
(Refereed Journals of Other Institutions)

Books & Book Chapters

I. Shape and Texture based Face Recognition on Overlapping 3D Sub-regions

GÜNLÜ G., BİLGE H. Ş.

in: Computer and Information Sciences (Part of the Lecture Notes in Electrical Engineering book series volume 62), Gelenbe E., Lent R., Sakellari G., Sacan A., Toroslu H., Yazici A., Editor, Springer, Dordrecht, pp.293-298, 2011

Refereed Congress / Symposium Publications in Proceedings

I. Farklı yaklaşımlar kullanarak Sigmoid fonksiyonunun FPGA tabanlı gerçekleştirilmesi

GÜZEL AYDIN S., BİLGE H. Ş.

28. Signal Processing and Communications Applications Conference (SIU), 5 - 07 October 2020

II. Reducing Speckle Noise from Ultrasound Images Using an Autoencoder Network

Karaoğlu O., BİLGE H. Ş., ULUER İ.

28th IEEE Conference on Signal Processing and Communications Applications, Turkey, 5 - 07 October 2020

III. Vehicle Detection OnAerial Imagery As Small Object Detection Difficulty

Er Ö., BİLGE H. Ş.

3rd International Conference on Data Science and Applications (ICONDATA'20), İstanbul, Turkey, 25 - 28 June 2020, pp.35

IV. Ultrason Görüntü Gürültülerinin Azaltılmasında Derin Öğrenme İyileştirici Algoritma Performanslarının Karşılaştırılması

Karaoğlu O., BİLGE H. Ş., ULUER İ.

Elektrik Elektronik Mühendisliği Kongresi (EEMKON 2019), İstanbul, Turkey, 14 - 16 November 2019, pp.34-39

V. Road Damage Detection And Classification Using Deep NeuralNetworks

Balcı H., BİLGE H. Ş.

4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Turkey, 25 - 27 April 2019, pp.596

VI. Colaboratory: Makine Öğrenmesi ve Derin Öğrenme Çalışmalarında Donanım Gereksinimini Karşılamada Alternatif Bir Çözüm

TEMİZ H., BİLGE H. Ş., UYGUR S.

3rd International Symposium on Innovative Approaches in Scientific Studies (Engineering and Natural Sciences) - ISAS2019, Ankara, Turkey, 19 - 21 April 2019, vol.4, pp.568-571

VII. FPGA Tabanlı Ses Kaynaklarının Konum Tespiti

Öztürk Lafcı M., Lafcı M., BİLGE H. Ş.

6. Uluslararası Multidisipliner Çalışmaları Kongresi (Multicongress Gaziantep), Gaziantep, Turkey, 26 - 27 April 2019

VIII. Ön Tanımlı Rastgele Özet Fonksiyonları ile Görüntü Arama

Durmaz O., BİLGE H. Ş.

27. IEEE Sinyal İşleme ve İletişim Uygulamaları (SIU) Kurultayı, Sivas, Turkey, 24 - 26 April 2019

IX. Üretici Ağlar ile Tek Görüntüden Nesne Oluşturma

GÜZEL TURHAN C., BİLGE H. Ş.

27th IEEE Signal Processing and Communications Applications Conference, SIU 2019, Sivas, Turkey, 24 - 26 April 2019

X. A REVIEW ON CYBER RISK MANAGEMENT

OKUL Ş., MURATOĞLU O., AYDIN M. A. , BİLGE H. Ş.

1st International Symposium on Graduate Research in Science Focus on Entrepreneurship and Innovation (ISGRS 2018), İstanbul, Turkey, 4 - 06 October 2018

- XI. **Comparison of Cyber Risks with Respect to Operational Risk in Terms of Assessment Methods**
MURATOĞLU O., OKUL Ş., BİLGE H. Ş. , AYDIN M. A.
1st International Symposium on Graduate Research in Science Focus on Entrepreneurship and Innovation (ISGRS 2018), İstanbul, Turkey, 4 - 06 October 2018
- XII. **Recent Trends in Deep Generative Models: a Review**
GÜZEL TURHAN C., BİLGE H. Ş.
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.574-579
- XIII. **A Comparative Study on Super Resolution with Deep Learning**
Temiz H., TÜFEKÇİ A., BİLGE H. Ş.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XIV. **Fast Image Search with Distrubuted Hashing**
Durmaz O., BİLGE H. Ş.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XV. **Review On Cyber Risks Relating to Security Management in Smart Cars**
Muratoglu O., Okul S., AYDIN M. A. , BİLGE H. Ş.
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.406-409
- XVI. **Variational Autoencoded Compositional Pattern Generative Adversarial Network for Handwritten Super Resolution Image Generation**
GÜZEL TURHAN C., BİLGE H. Ş.
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.564-568
- XVII. **Single Image Super Resolution using Deep Convolutional Generative Neural Networks**
GÜZEL TURHAN C., BİLGE H. Ş.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XVIII. **FACE AND EYE DETECTION USING RASPBERRY PI AND PYTHON PROGRAM**
GÜZEL AYDIN S., MIKAEILI M., BİLGE H. Ş.
International Conference on Engineering Technologies (ICENTE'17), 7 - 09 December 2017
- XIX. **EEG Uygulamalarında Veri Madenciliği: Örnek Bir Çalışma**
GÜZEL AYDIN S., BİLGE H. Ş.
International Conference on Multidisciplinary, Science, Engineering and Technology (IMESET'17), 27 - 29 October 2017
- XX. **FPGA-Based Electrocardiography (ECG) Signal Analyzing Application: A brief review**
GÜZEL AYDIN S., BİLGE H. Ş.
International Conference on Multidisciplinary, Science, Engineering and Technology (IMESET'17), 27 - 29 October 2017
- XXI. **A Review of EEG Signal Processing Using Fuzzy Systems**
GÜZEL AYDIN S., BİLGE H. Ş.
The 5th International Fuzzy Systems Symposium (FUZZYSS'17), 14 - 15 October 2017
- XXII. **LabVIEW Based Fuzzy Identifier for Power Quality Disturbances**
GÜZEL AYDIN S., BİLGE H. Ş.
The 5th International Fuzzy Systems Symposium (FUZZYSS'17), 14 - 15 October 2017
- XXIII. **Improved Feature Selection in Lorentzian Space**
Kerimbekov Y., BİLGE H. Ş.
9th International Conference on Machine Learning and Computing (ICMLC 2017), Singapore, Singapore, 24 - 26 February 2017, pp.1-6
- XXIV. **Lorentzian Distance Classifier for Multiple Features**

- Kerimbekov Y., BİLGE H. Ş.
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