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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABB-6149-2020

Yoksis Researcher ID: 3215

Education Information

Doctorate, Texas Tech University, Engineering, Electrical Engineering, United States Of America 1989 - 1993

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik Elektronik, Turkey 1984 - 1986

Undergraduate, Karadeniz Technical University, Mühendislik Mimarlık Fakültesi, Elektrik Elektronik, Turkey 1980 - 1984

Dissertations

Doctorate, A MODEL BASED METHOD FOR ESTIMATING DIMENSIONS AND-THREE DIMENSIONAL RECONSTRUCTION OF CORONARY ARTRIAL TREES FROM BIPLANE ANGIOGRAMS, Texas Tech University, Electrical Engineering, Electrical Engineering, 1993

Postgraduate, VİDEO İŞARETLERİNİN SAYISAL İŞLEMLERİ KONUSUNUN İNCELENMESİ VE VİDEO İŞARETLERİNDE DETAY ARTTIRAN SAYISAL BİR DEVRENİN GERÇEKLEŞTİRİLMESİ, Karadeniz Technical University, Elektrik- Elektronik Müh., Elektrik Elektronik, 1987

Research Areas

Biomedical Engineering, Bioengineering and MEMS, Bioinstrumentation and Microelectromechanical Systems (MEMS), bioPhotonic, Biomedical Optics, Biomedical Image Processing, Biosignal Processing, Telemedicine, Engineering and Technology

Academic Titles / Tasks

Professor, Karadeniz Technical University, Mühendislik Fak, Elektrik-Elektronik Müh., 1985 - Continues

Associate Professor, Karadeniz Technical University, Mühendislik-Mimarlık, Elektrik-Elektronik, 2005 - 2010

Assistant Professor, Karadeniz Technical University, Mühendislik-Mimarlık, Elektrik-Elektronik, 1993 - 2005

Academic and Administrative Experience

Karadeniz Technical University, Mühendislik İmarlık, Elektrik-Elektronik, 1994 - 2017

Courses

Tıbbi Görüntüleme Teknikleri, Undergraduate, 2017 - 2018
Hesaplamalı Sinirbilimi, Postgraduate, 2017 - 2018
Sistem Tanısı ve Kestirim Teorisi, Postgraduate, 2016 - 2017
Tıbbi Elektronik, Undergraduate, 2017 - 2018
Örüntü Tanıma ve Makine Öğrenme, Postgraduate, 2017 - 2018

Advising Theses

KAYIKÇIOĞLU T., Derin Öğrenme Algoritmalarının EKG Aritmilerinin Sınıflandırılmasında Değerlendirilmesi, Doctorate, Ö.Tomak(Student), 2018
KAYIKÇIOĞLU T., Periapikal kist ve keratokistik odontojenik tümör lezyonlarının yarı otomatik bölütlenmesi ve sınıflandırılması, Doctorate, E.Yılmaz(Student), 2018
KAYIKÇIOĞLU T., Aktif ve Düşünsel Parmak Hareketlerine ilişkin EEG Sinyallerinin Sınıflandırılması, Doctorate, S.Ketenci(Student), 2018
KAYIKÇIOĞLU T., Kalp aritmisinin çift dalgaboylu PPG sinyalleri kullanılarak belirlenmesi, Postgraduate, Ö.YILDIRIM(Student), 2017
KAYIKÇIOĞLU T., EKG aritmilerinin zaman frekans esaslı öznelikler kullanılarak sınıflandırılması, Postgraduate, F.AKDENİZ(Student), 2017
KAYIKÇIOĞLU T., Konuşmacı aşinalığının EEG tabanlı belirlenmesi, Postgraduate, Z.ÖZCAN(Student), 2017
KAYIKÇIOĞLU T., Analysis of EEG signals in gazing at rotating vanes for brain computer interface, Doctorate, M.MALEKI(Student), 2017
KAYIKÇIOĞLU T., Development of Novel Physiological Analysis Methods Based on Dual-Wavelength Photoplethysmographic Signals Time Differences, Doctorate, N.Vahdani(Student), 2016
KAYIKÇIOĞLU T., Motif tabanlı biyolojik sinir ağlarının kısa- ve uzun dönem bellek davranışının incelenmesi, Doctorate, A.TURAN(Student), 2013
KAYIKÇIOĞLU T., İki veya daha fazla anjiyo görüntüsünden koroner damarların üç boyutlu yapısının elipsoid esaslı yüksek doğrulukta eldesi, Doctorate, M.ÖZTÜRK(Student), 2013
KAYIKÇIOĞLU T., İmlecin iki boyutlu hareketinin hayali sırasında kaydedilmiş EEG işaretlerinin karar ağaç yapısı esaslı sınıflandırılması, Doctorate, Ö.AYDEMİR(Student), 2013
KAYIKÇIOĞLU T., Kısmi en küçük kareler regresyon yöntemiyle uyku EEG' sinin sınıflandırılması, Postgraduate, K.EROĞLU(Student), 2013
KAYIKÇIOĞLU T., Beyincik purkinje nöronlarında bulunan sodyum kanal akımları için geliştirilen bir markov modeli, Doctorate, V.ÖZKANER(Student), 2005
KAYIKÇIOĞLU T., Purkinje hücrelerinde bulunan iyonik atomların dinamiğinin bölmeli modellemeye dayalı olarak incelenmesi, Doctorate, M.ÖZER(Student), 2001
KAYIKÇIOĞLU T., Doğrusal zamanla değişmyen sürekli dizgelerde parametre kestirimi, Doctorate, A.ATASOY(Student), 1997
KAYIKÇIOĞLU T., Video sinyallerinin düşük veri iletim hızlarında kodlanması için blok karşılaştırmaya dayalı yeni bir hareket kestirim yöntemi Video sinyallerinin düşük veri iletim hızlarında kodlanması için blok karşılaştırmaya dayalı yeni bir hareket kestirim yöntemi, Doctorate, A.GANGAL(Student), 1994

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Determining the effect of emotional images brightness on EEG signals by classification algorithms**
Eroğlu K., Osman O., KAYIKÇIOĞLU T., Kurt P.
Multidimensional Systems and Signal Processing, vol.33, no.3, pp.835-861, 2022 (SCI-Expanded)
- II. **Classification of cardiac arrhythmias using Zhao-Atlas-Marks time-frequency distribution**

AKDENİZ F., KAYIKÇIOĞLU İ., KAYIKÇIOĞLU T.

MULTIMEDIA TOOLS AND APPLICATIONS, vol.80, no.20, pp.30523-30537, 2021 (SCI-Expanded)

- III. **A Two-Phase Approach using Mask R-CNN and 3D U-Net for High-Accuracy Automatic Segmentation of Pancreas in CT Imaging**
Dogan R. O., Dogan H., Bayrak C., KAYIKÇIOĞLU T.
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.207, 2021 (SCI-Expanded)
- IV. **An automatic EEG-based sleep staging system with introducing NAOsP and NAOsGP as new metrics for sleep staging systems**
Melek M., Manshour N., KAYIKÇIOĞLU T.
COGNITIVE NEURODYNAMICS, vol.15, no.3, pp.405-423, 2021 (SCI-Expanded)
- V. **Evaluating MFCC-based speaker identification systems with data envelopment analysis**
ÖZCAN Z., KAYIKÇIOĞLU T.
Expert Systems with Applications, vol.168, 2021 (SCI-Expanded)
- VI. **Multi-objective symbiotic organism search algorithm for optimal feature selection in brain computer interfaces**
BAYSAL Y. A., Ketenci S., ALTAŞ İ. H., KAYIKÇIOĞLU T.
EXPERT SYSTEMS WITH APPLICATIONS, vol.165, 2021 (SCI-Expanded)
- VII. **Low-Cost Brain-Computer Interface Using the Emotiv Epoc Headset Based on Rotating Vanes**
Melek M., Manshour N., KAYIKÇIOĞLU T.
TRAITEMENT DU SIGNAL, vol.37, no.5, pp.831-837, 2020 (SCI-Expanded)
- VIII. **Time-frequency approach to ECG classification of myocardial infarction**
KAYIKÇIOĞLU İ., AKDENİZ F., KÖSE C., KAYIKÇIOĞLU T.
COMPUTERS & ELECTRICAL ENGINEERING, vol.84, 2020 (SCI-Expanded)
- IX. **Effect of brightness of visual stimuli on EEG signals**
Eroglu K., KAYIKÇIOĞLU T., OSMAN O.
BEHAVIOURAL BRAIN RESEARCH, vol.382, 2020 (SCI-Expanded)
- X. **A Comprehensive Analysis of 2D&3D Video Watching of EEG Signals by Increasing PLSR and SVM Classification Results**
Manshour N., KAYIKÇIOĞLU T.
COMPUTER JOURNAL, vol.63, no.3, pp.425-434, 2020 (SCI-Expanded)
- XI. **An EEG-based stereoscopic research of the PSD differences in pre and post 2D&3D movies watching**
Manshour N., Maleki M., KAYIKÇIOĞLU T.
BIOMEDICAL SIGNAL PROCESSING AND CONTROL, vol.55, 2020 (SCI-Expanded)
- XII. **Accurate Detection of Distorted Pectoral Muscle in Mammograms Using Specific Patterned Isocontours**
Ture H., KAYIKÇIOĞLU T.
IEEE ACCESS, vol.8, pp.147370-147386, 2020 (SCI-Expanded)
- XIII. **Bagged tree classification of arrhythmia using wavelets for denoising, compression, and feature extraction**
TOMAK Ö., KAYIKÇIOĞLU T.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.26, no.3, pp.1555-1571, 2018 (SCI-Expanded)
- XIV. **Development of a Novel Physiological Analysis Method Based on Two Wavelength Photoplethysmography Signals Time Difference Variations**
VAHDANI-MANAF N., KAYIKÇIOĞLU T.
JOURNAL OF MEDICAL IMAGING AND HEALTH INFORMATICS, vol.6, no.2, pp.372-379, 2016 (SCI-Expanded)
- XV. **Investigation of the most appropriate mother wavelet for characterizing imaginary EEG signals used in BCI systems**
AYDEMİR Ö., KAYIKÇIOĞLU T.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.1, pp.38-49, 2016 (SCI-Expanded)

- XVI. **A new brain-computer interface system using the gaze on rotating vane.**
MALEKI M., KAYIKÇIOĞLU T.
BIOMEDICAL RESEARCH-INDIA, vol.27, no.1, pp.186-190, 2016 (SCI-Expanded)
- XVII. **Fast and accurate PLS-based classification of EEG sleep using single channel data**
KAYIKÇIOĞLU T., Maleki M., Eroğlu K.
EXPERT SYSTEMS WITH APPLICATIONS, vol.42, no.21, pp.7825-7830, 2015 (SCI-Expanded)
- XVIII. **A model-based edge estimation method with increased edge localization accuracy for medical images**
ÖZTÜRK M., KAYIKÇIOĞLU T.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.23, no.4, pp.1127-1141, 2015 (SCI-Expanded)
- XIX. **Decision tree structure based classification of EEG signals recorded during two dimensional cursor movement imagery**
AYDEMİR Ö., KAYIKÇIOĞLU T.
JOURNAL OF NEUROSCIENCE METHODS, vol.229, pp.68-75, 2014 (SCI-Expanded)
- XX. **Clinical, Neurocognitive, Structural Imaging and Dermatoglyphics in Schizophrenia According to Kraepelin Criteria**
GULEC H., ULUSOY KAYMAK S., BILICI M., GANGAL A., KAYIKÇIOĞLU T., SARI A., Tan U.
NOROPSIKIYATRI ARSIVI-ARCHIVES OF NEUROPSYCHIATRY, vol.50, no.3, pp.256-262, 2013 (SCI-Expanded)
- XXI. **KRAEPELİN ÖLÇÜTLERİNE UYAN ŞİZOFRENİ HASTALARINDA KLİNİK, NÖROKOGNİTİF, YAPISAL GÖRÜNTÜLEME VE DERMATOGLİFİK ÖZELLİKLER**
GÜLEÇ H., ulusoy kaymak s., BİLİCİ M., GANGAL A., KAYIKÇIOĞLU T., SARI A., tan ü.
Noropsikiyatri Arsivi-Archives Of Neuropsychiatry, vol.49, no.1, pp.1, 2012 (SCI-Expanded)
- XXII. **Classifying Various EMG and EOG Artifacts in EEG Signals**
AYDEMİR Ö., Pourzare S., KAYIKÇIOĞLU T.
PRZEGLAD ELEKTROTECHNICZNY, vol.88, pp.218-222, 2012 (SCI-Expanded)
- XXIII. **Wavelet Transform Based Classification of Invasive Brain Computer Interface Data**
AYDEMİR Ö., KAYIKÇIOĞLU T.
RADIOENGINEERING, vol.20, no.1, pp.31-38, 2011 (SCI-Expanded)
- XXIV. **A polynomial fitting and k-NN based approach for improving classification of motor imagery BCI data**
KAYIKÇIOĞLU T., Aydemir Ö.
PATTERN RECOGNITION LETTERS, vol.31, no.11, pp.1207-1215, 2010 (SCI-Expanded)
- XXV. **Collective temporal coherence for subthreshold signal encoding on a stochastic small-world Hodgkin-Huxley neuronal network**
Ozer M., Uzuntarla M., KAYIKÇIOĞLU T., GRAHAM L. J.
PHYSICS LETTERS A, vol.372, no.43, pp.6498-6503, 2008 (SCI-Expanded)
- XXVI. **Implementation of a Virtual Private Network-Based Laboratory Information System Serving for a Rural Area in Turkey**
TURHAN K., KAYIKÇIOĞLU T.
LABMEDICINE, vol.37, no.9, pp.527-531, 2006 (SCI-Expanded)
- XXVII. **Implementation of a virtual private network-based laboratory information system serving a rural area in Turkey**
TURHAN K., KAYIKÇIOĞLU T.
Laboratory Medicine, vol.37, no.9, pp.527-531, 2006 (SCI-Expanded)
- XXVIII. **A new description for sodium channel gating model based on macroscopic ionic currents in dissociated cerebellar Purkinje neurons**
Kayikcioglu T., OZKANER V.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.343, pp.487-498, 2004 (SCI-Expanded)
- XXIX. **An improved motion-compensated restoration method for damaged color motion picture films**
GANGAL A., KAYIKCIOGLU T., Dizdaroglu B.
SIGNAL PROCESSING-IMAGE COMMUNICATION, vol.19, no.4, pp.353-368, 2004 (SCI-Expanded)

XXX. Reconstructing coronary arterial segments from three projection boundaries

Kayikcioglu T., GANGAL A., TURHAL M.

PATTERN RECOGNITION LETTERS, vol.22, pp.611-624, 2001 (SCI-Expanded)

XXXI. Reconstructing ellipsoids from three projection contours

Kayikcioglu T., GANGAL A., OZER M.

PATTERN RECOGNITION LETTERS, vol.21, no.11, pp.959-968, 2000 (SCI-Expanded)

Articles Published in Other Journals

- I. **Tüm Üç Hücreli Biyolojik Sinir Ağı Motiflerinin Kısa- ve Uzun Dönem Bellek Davranışının İncelenmesi**
TURAN A., KAYIKÇIOĞLU T.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.2, pp.553-567, 2019 (Peer-Reviewed Journal)
- II. **Üç hücreli motif genelleme ile oluşturulan küçük ölçekli biyolojik sinir ağlarının bellek davranışı**
TURAN A., KAYIKÇIOĞLU T.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, no.2, pp.565-577, 2019 (Peer-Reviewed Journal)
- III. **Investigation of Theta Rhythm Effect in Detection of Finger Movement**
Ketenci S., KAYIKÇIOĞLU T.
JOURNAL OF EXPERIMENTAL NEUROSCIENCE, vol.13, 2019 (ESCI)
- IV. **ST Değişiminin Wigner-Ville Dağılım Esaslı Erken Tespiti**
KAYIKÇIOĞLU İ., ULUTAŞ G., AKDENİZ F., KAYIKÇIOĞLU T.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.2, pp.746-753, 2018 (Peer-Reviewed Journal)
- V. **Elektronik Sağlık Kayıtlarının WCF Web Servisleri Kullanılarak Aktarılması ve Depolanması**
DOĞAN R. Ö., KAYIKÇIOĞLU T., YAĞCI Y., YILDIRIM Ö.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.1, pp.232-236, 2018 (Peer-Reviewed Journal)
- VI. **Öğrenme Esnasında Oluşan Dentritik Spine Yapısal Değişiminin Kısa -ve Uzun Dönem Bellek Davranışı Açısından Modellenmesi**
TURAN A., KAYIKÇIOĞLU T.
Ordu Üniversitesi Bilim ve Teknoloji Dergisi, vol.8, no.1, pp.1-15, 2018 (Peer-Reviewed Journal)
- VII. **GERÇEK ZAMANLI ARİTMİ TESPİTİNDE FARKLI SINIFLANDIRMA YÖNTEMLERİNİN KARŞILAŞTIRILMASI**
TOMAK Ö., KAYIKÇIOĞLU T.
Karadeniz Fen Bilimleri Dergisi, vol.7, no.2, pp.1-9, 2017 (Peer-Reviewed Journal)
- VIII. **Classification of Human Vision Discrepancy during Watching 2D and 3D Movies Based on EEG Signals**
MANSHOURİ N., MALEKI M., KAYIKÇIOĞLU T.
International Journal of Computer Science and Information Security, vol.15, no.2, pp.430-436, 2017 (Peer-Reviewed Journal)
- IX. **A Novel Simple Method to Select Optimal k in k-Nearest Neighbor Classifier**
MALEKI M., KAYIKÇIOĞLU T., MANSHOURİ N.
International Journal of Computer Science and Information Security, vol.15, no.2, pp.464-469, 2017 (Peer-Reviewed Journal)
- X. **A New Brain-Computer Interface System Based on Classification of the Gaze on Four Rotating Vanes**
MALEKI M., MANSHOURİ N., KAYIKÇIOĞLU T.
International Journal of Computer Science and Information Security, vol.15, no.2, pp.437-443, 2017 (Peer-Reviewed Journal)
- XI. **Comparative performance assessment of classifiers in low dimensional feature space which are commonly used in BCI applications** Elektrevue J 2 4 58 63 2011
AYDEMİR Ö., KAYIKÇIOĞLU T.

Books & Book Chapters

I. Beyin-Bilgisayar Arayüzü

KAYIKÇIOĞLU T., MALEKİ M., KETENCİ S.

in: Biyomedikal Mühendisliği ve Uygulamaları, Onur Koçal, Osman Eroğul, Editor, EMO Yayın No: GY//2019/726, Ankara, pp.241-268, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **An Efficient 1D Autoencoder-based Approach for R-Peaks Detection in Electrocardiogram Signals**
DOĞAN R. Ö., DOĞAN H., KAYIKÇIOĞLU T.
10th International Conference on Electrical and Electronics Engineering, 08 May 2023
- II. **Shape of Masses in Contrast Mammography Images and First Order Statistical Features Classification Based on**
Koby M. E., Türe H., Doğan R. Ö., KAYIKÇIOĞLU T., TEYMUR A., KUL S.
31st IEEE Conference on Signal Processing and Communications Applications (SIU), İstanbul, Turkey, 5 - 08 July 2023
- III. **Segmentation of Pectoral Muscle Region in MLO Mammography Images by Backbone U-Net Mamografi Görüntülerindeki Pektoral Kas Bölgesinin Omurgali U-Net ile Bölütlenmesi**
Dogan R. O., Ture H., KAYIKÇIOĞLU T.
30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Turkey, 15 - 18 May 2022
- IV. **BroomyCell: An introductory educational software for neuroscience BroomyCell: Sinirbilim için tanıtıcı bir eğitim yazılımı**
Özcan Z., Yildirim O., Kayıkçioğlu T.
29th IEEE Conference on Signal Processing and Communications Applications, SIU 2021, Virtual, Istanbul, Turkey, 9 - 11 June 2021
- V. **BİYOLOJİK NÖRONLARIN FARKLI AKIM UYARIMLARINDA DİNAMİĞİNİN İNCELENMESİ**
TURHAN H., KAYIKÇIOĞLU T., ÖZCAN Z.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSEL YAKLAŞIMLAR KONGRESİ, Samsun, Turkey, 27 - 29 December 2019
- VI. **Investigation of Short-term and Long-term Memory Behavior of Three-Cell Motifs in Biological Neural Networks**
TURAN A., KAYIKÇIOĞLU T.
INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE, Kastamonu, Turkey, 26 April 2018, pp.412
- VII. **Simulation of biological networks.**
YILDIRIM Ö., ÖZCAN Z., turhan h., KAYIKÇIOĞLU T.
17th Turkish Neuroscience Congress, Trabzon, Turkey, 4 - 07 April 2019
- VIII. **Simulation of morphologically and biophysically realistic single nerve cells using user-friendly software**
ÖZCAN Z., KAYIKÇIOĞLU İ., yıldırım ö., KÖSE C., KAYIKÇIOĞLU T.
17th Turkish Neuroscience Congress, Trabzon, Turkey, 4 - 07 April 2019, pp.540
- IX. **EEG Channel Localization for Brain-Computer Interface System**
MALEKİ M., MANSOURİ N., ÖZTÜRK M., KAYIKÇIOĞLU T.
7th International Conference on Advanced Technologies ICAT, Antalya, Turkey, 28 April - 01 May 2018, pp.353-356
- X. **Comparison and Classification of the EEG Signals during Watching 2D and 3D Movies**

MANSOURI N., MALEKI M., ÖZTÜRK M., KAYIKÇIOĞLU T.

7th International Conference on Advanced Technologies, Antalya, Turkey, 28 April - 01 May 2018, pp.359-362

- XI. **Born-Jordan Zaman Frekans Dönüşümü ve Yapay Sinir Ağları Kullanılarak EKG ST Segmenti Değişiminin Tespiti (ECG ST Segment Change Detection Using Zhao- Atlas-Mark Time-Frequency Transform and Artificial Neural Networks)**
KAYIKÇIOĞLU İ., KÖSE C., KAYIKÇIOĞLU T.
IEEE 26th Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XII. **Detecting Cardiac Arrhythmia by Using Time Differences of Double Wavelength PPG Peaks**
YILDIRIM Ö., KAYIKÇIOĞLU T.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XIII. **Power Spectrum Analysis of EEG for Watching 2D & 3D Videos and Resting State**
Manshouri N., Maleki M., Kayikcioglu T.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XIV. **ECG ST Segment Change Detection Using Born-Jordan Time-Frequency Transform and Artificial Neural Networks**
KAYIKÇIOĞLU İ., KÖSE C., KAYIKÇIOĞLU T.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XV. **Network Master: A Versatile and User-Friendly Educational Software for Simulation of Neural Networks**
Yildirim O., ÖZCAN Z., TURHAN H., KAYIKÇIOĞLU T.
Medical Technologies National Congress (TIPTEKNO), Magusa, CYPRUS, 8 - 10 November 2018
- XVI. **R-peaks Detection with Convolutional Neural Network in Electrocardiogram Signal**
DOĞAN R. Ö., KAYIKÇIOĞLU T.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XVII. **Detection of ECG Arrhythmia Using Zhao-Atlas Mark Time-Frequency Distribution**
AKDENİZ F., KAYIKÇIOĞLU T.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XVIII. **Cell Master: A Versatile and User-Friendly Educational Software for Simulation of Neuronal Dynamics**
ÖZCAN Z., KAYIKÇIOĞLU İ., Yildirim O., KÖSE C., KAYIKÇIOĞLU T.
Medical Technologies National Congress (TIPTEKNO), Magusa, CYPRUS, 8 - 10 November 2018
- XIX. **Fast and Accurate Classifier-Based Brain-Computer Interface System Using Single Channel EEG Data**
Maleki M., Manshouri N., KAYIKÇIOĞLU T.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XX. **Investigation of the effect of luminance level on emotional evaluation by P300 waves observed in EEG records Löminans Dözeyinin Duygusal Değerlendirme Üzerindeki Etkisinin EEG kayıtlarında gözlemlenen P300 Dalgası Aracılığıyla ?ncelenmesi**
Eroglu K., Kurt P., KAYIKÇIOĞLU T., Osman O.
2017 Medical Technologies National Conference, TIPTEKNO 2017, Trabzon, Turkey, 12 - 14 October 2017, pp.1-4
- XXI. **Semi-automatic segmentation of apical lesions in cone beam computed tomography images**
YILMAZ E., KAYIKÇIOĞLU T., KAYIPMAZ S.
2017 25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017, pp.1-4
- XXII. **Semi-automatic segmentation of apical lesions in cone beam computed tomography images**
YILMAZ E., KAYIKÇIOĞLU T., KAYIPMAZ S.
2017 25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017, pp.1-4
- XXIII. **Observation of the effect of the increase in luminance level on emotional assessment in EEG records using Welch method**
KAYIKÇIOĞLU T., Eroğlu K.
2017 25th Signal Processing and Communications Applications Conference, SIU 2017, Antalya, Turkey, 15 - 18 May

2017, pp.1-4

- XXIV. **Developing Electronic Health Recording System for Telemonitoring Chronic Patients**
DOĞAN R. Ö., KAYIKÇIOĞLU T., YILDIRIM Ö., YAĞCI M. Y.
International Conference on Medical and Biological Engineering (CMBEBIH), Saray Bosna, Bosnia And Herzegovina, 16 - 18 March 2017, pp.86-87
- XXV. **Real Time Sending and Monitoring Electronic Health Records**
DOĞAN R. Ö., KAYIKÇIOĞLU T., Yagci Y.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXVI. **EFFECT ON CLASSIFICATION OF WAVELET COMPRESSION ON ECG SIGNAL**
TOMAK Ö., KAYIKÇIOĞLU T.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXVII. **Semi-Automatic Segmentation of Apical Lesions in Cone Beam Computed Tomography Images**
YILMAZ E., KAYIKÇIOĞLU T., KAYIPMAZ S.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXVIII. **Segmentation of Pectoral Muscle by Optimum Contour Selection Approach**
Ture H., KAYIKÇIOĞLU T.
Medical Technologies National Congress (TIPTEKNO), Trabzon, Turkey, 12 - 14 October 2017
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Manshouri N., Maleki M., KAYIKÇIOĞLU T.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXX. **Investigation of Luminance Effect on the Emotional Assessment Using Principle Components Analysis Method**
Eroglu K., KURT P., KAYIKÇIOĞLU T., OSMAN O.
40th International Conference on Telecommunications and Signal Processing (TSP), Barcelona, Spain, 5 - 07 July 2017, pp.448-451
- XXXI. **Observation of the Effect of the Increase in Luminance Level on Emotional Assessment in EEG Records Using Welch Method**
Eroglu K., KURT P., OSMAN O., KAYIKÇIOĞLU T.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXXII. **Detection of the Best Classified Finger Pairs in Finger Movements Using Brain Signals**
Ketenci S., KAYIKÇIOĞLU T.
Medical Technologies National Congress (TIPTEKNO), Trabzon, Turkey, 12 - 14 October 2017
- XXXIII. **Investigation of the Effect of Luminance Level on Emotional Evaluation by P300 Waves Observed in EEG Records**
Eroglu K., KURT P., KAYIKÇIOĞLU T., OSMAN O.
Medical Technologies National Congress (TIPTEKNO), Trabzon, Turkey, 12 - 14 October 2017
- XXXIV. **Application of PLSR with a Comparison of MATLAB Classification Learner App in Using BCI**
Maleki M., Manshouri N., KAYIKÇIOĞLU T.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXXV. **Detection of ECG Arrhythmia Using Large Choi Williams Time-Frequency Feature Set**
Akdeniz F., KAYIKÇIOĞLU T.
Medical Technologies National Congress (TIPTEKNO), Trabzon, Turkey, 12 - 14 October 2017
- XXXVI. **Noise Removal of CBCT Images Using an Adaptive Anisotropic Diffusion Filter**
YILMAZ E., KAYIKÇIOĞLU T., KAYIPMAZ S.
40th International Conference on Telecommunications and Signal Processing (TSP), Barcelona, Spain, 5 - 07 July 2017, pp.650-653
- XXXVII. **ECG ST Change Detection Using Zhao-Atlas-Mark Time-Frequency Distribution**
KAYIKÇIOĞLU İ., KAYIKÇIOĞLU T.
Medical Technologies National Congress (TIPTEKNO), Trabzon, Turkey, 12 - 14 October 2017
- XXXVIII. **Time-Frequency Analysis Based Detection of ECG ST Segment Change Using Large Feature Set**

- KAYIKCTOGLU I., ULUTAŞ G., KAYIKÇIOĞLU T.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXXIX. **Detection and Segmentation of Masses in Mammograms by The Rule Based Elimination Approach**
Ture H., KAYIKÇIOĞLU T.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XL. **A Speaker Identification Performance Comparison Based on The Classifier, The Computation Time and The Number Of MFCC**
Özcan Z., Kayıkçioğlu T.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XLI. **COMPARISON OF DIFFERENT CLASIFICATION ALGORITHMS USING EASILY CALCULATED FEATURES**
TOMAK Ö., KAYIKÇIOĞLU T.
Scientific Meeting on Electric Electronics, Computer Science, Biomedical Engineerings (EBBT), İstanbul, Turkey, 20 - 21 April 2017
- XLII. **Detection and Segmentation of Nodules in Chest Radiographs Based on Lifetime Approach**
Ture H., KAYIKÇIOĞLU T.
International Conference on Medical and Biological Engineering in Bosnia and Herzegovina (CMBEBIH), Sarajevo, Bosnia And Herzegovina, 16 - 18 March 2017, vol.62, pp.539-547
- XLIII. **Wireless Body Area Network Studies for Telemedicine Applications Using IEEE 802.15.6 Standard**
Ozderya H. Y., ERDÖL H., KAYIKÇIOĞLU T., Yilmaz A. O., KAYA İ.
International Conference on Medical and Biological Engineering in Bosnia and Herzegovina (CMBEBIH), Sarajevo, Bosnia And Herzegovina, 16 - 18 March 2017, vol.62, pp.666-670
- XLIV. **Real-Time Monitoring of ST Change for Telemedicine**
Kayıkcioglu I., Akdeniz F., KAYIKÇIOĞLU T., KAYA İ.
International Conference on Medical and Biological Engineering in Bosnia and Herzegovina (CMBEBIH), Sarajevo, Bosnia And Herzegovina, 16 - 18 March 2017, vol.62, pp.671-677
- XLV. **Sending and Storing Electronic Health Records Using WCFWeb Services**
DOĞAN R. Ö., KAYIKÇIOĞLU T., YAĞCI Y., YILDIRIM Ö.
BİYOMUT 2016, İzmir, Turkey, 3 - 05 November 2016, pp.348-352
- XLVI. **Early Detection of ST Arrhythmia Based on Wigner VilleDistrubition**
KAYIKÇIOĞLU İ., ULUTAŞ G., AKDENİZ F., KAYIKÇIOĞLU T.
BIYOMUT 2016, İzmir, Turkey, 3 - 05 November 2016, pp.176-180
- XLVII. **Computer Aided Detection of Lung Nodules on ChestRadiograph Images based on the Optimum Life Time Approach**
TURE H., KAYIKÇIOĞLU T.
BİYOMUT 2016, İzmir, Turkey, 3 - 05 November 2016, pp.115-119
- XLVIII. **Düşünsel El Kavrama Hareketinin Karma Özniteliklere Dayalı Sınıflandırılması**
KETENCİ S., KAYIKÇIOĞLU T.
20th National Biomedical Engineering Meeting (BIYOMUT 2016), İzmir, Turkey, 3 - 05 November 2016, pp.1-3
- XLIX. **Telemonitoring in Turkey**
KAYA İ., KAYIKÇIOĞLU T.
ehealth summit austria, viyena, 24 May - 25 June 2016
- L. **Remote patient monitoring and Electronic Health Record system based on web services Web Servis Esasli Uzaktan Hasta Takip ve Elektronik Saglik Kaydi Sistemi**
Dogan R. O., KAYIKÇIOĞLU T.
24th Signal Processing and Communication Application Conference, SIU 2016, Zonguldak, Turkey, 16 - 19 May 2016, pp.1785-1788
- LI. **Rule based elimination of regions of interest in pectoral muscle on mammograms Mammogramlarda yer alan Pektoral Kas üzerindeki ilgi Bölgelerinin Kural Tabanlı Elenmesi**
TURE H., KAYIKÇIOĞLU T.
24th Signal Processing and Communication Application Conference, SIU 2016, Zonguldak, Turkey, 16 - 19 May 2016, pp.1905-1908

- LII. **Wigner-Ville distribution based ECG arrhythmia detection for telemedicine applications Tele-Tip Uygulamaları için Wigner-Ville Dağılım Esaslı EKG Aritmi Belirleme**
Kayıkcıoğlu I., Akdeniz F., KAYIKÇIOĞLU T.
24th Signal Processing and Communication Application Conference, SIU 2016, Zonguldak, Turkey, 16 - 19 May 2016, pp.2045-2048
- LIII. **Classification of EEG signal during gaze on the different rotating vanes**
Maleki M., KAYIKÇIOĞLU T.
24th Signal Processing and Communication Application Conference, SIU 2016, Zonguldak, Turkey, 16 - 19 May 2016, pp.593-596
- LIV. **Comparison of different classification methods in arrhythmia detection using Hjorth descriptors Hjorth Tanımlayıcılar Kullanarak Aritmi Tespitinde Farklı Sınıflandırma Yöntemlerinin Karşılaştırılması**
Tomak O., KAYIKÇIOĞLU T.
24th Signal Processing and Communication Application Conference, SIU 2016, Zonguldak, Turkey, 16 - 19 May 2016, pp.1657-1660
- LV. **Investigation the Effect of Luminance Level on the Image in EEG Recordings Using Wigner Ville Distribution**
Eroglu K., KURT P., KAYIKÇIOĞLU T., OSMAN O.
Electric Electronics, Computer Science, Biomedical Engineerings' Meeting (EBBT), İstanbul, Turkey, 26 - 27 April 2016
- LVI. **Investigation The Effect of Luminance Level on the Emotional Assessment in EEG Recordings Using Wavelet Transform**
Eroglu K., KURT P., KAYIKÇIOĞLU T., OSMAN O.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1629-1632
- LVII. **Using Wigner-Ville Distribution in ECG Arrhythmia Detection for Telemedicine Applications**
Akdeniz F., Kayıkcıoğlu I., KAYA İ., KAYIKÇIOĞLU T.
39th International Conference on Telecommunications and Signal Processing (TSP), Vienna, Austria, 27 - 29 June 2016, pp.409-412
- LVIII. **BER Performance Comparison of IEEE 802.15.6 and IEEE 802.15.4 on PHY Layer**
ERDÖL H., Özderya H. Y., Sisman C., KAYIKÇIOĞLU T., KAYA İ.
39th International Conference on Telecommunications and Signal Processing (TSP), Vienna, Austria, 27 - 29 June 2016, pp.108-111
- LIX. **Classification of Motor Imagery-Based Hand Grasping with Hybrid Features**
Ketenci S., KAYIKÇIOĞLU T.
20th National Biomedical Engineering Meeting (BIYOMUT), İzmir, Turkey, 3 - 05 November 2016
- LX. **Classification of 2D and 3D Videos Based on EEG Waves**
Manshoury N., KAYIKÇIOĞLU T.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.949-952
- LXI. **Recognition of sign language numbers via electromyography signals**
KETENCİ S., KAYIKÇIOĞLU T., GANGAL A.
Signal Processing and Communications Applications Conference (SIU), 2015 23th, Malatya, Turkey, 16 - 19 May 2015, pp.2593-2596
- LXII. **Investigation of Luminance Effect on the Emotional Assessment Using Hjorth Descriptors**
Eroglu K., KURT P., KAYIKÇIOĞLU T., OSMAN O.
Medical Technologies National Conference (TIPTEKNO), Antalya, Turkey, 27 - 29 October 2016
- LXIII. **Classification of Salient Dense Regions in Mammograms based on the Minimum Nesting Depth Approach**
Ture H., KAYIKÇIOĞLU T.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015,

pp.2174-2177

- LXIV. **Health-Monitoring System based Tele-tip for Elders**
Yildirim O., Ozgur R., KAYA İ., KAYIKÇIOĞLU T.
Medical Technologies National Conference (TIPTEKNO), Antalya, Turkey, 27 - 29 October 2016
- LXV. **Recognition of Sign Language Numbers via Electromyography Signals**
Ketenci S., KAYIKÇIOĞLU T., GANGAL A.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2593-2596
- LXVI. **Determining the Effect of Luminance on the EEG Measurement with STFT Method**
Eroglu K., KURT P., KAYIKÇIOĞLU T., OSMAN O.
Medical Technologies National Conference (TIPTEKNO), Bodrum, Turkey, 15 - 18 October 2015
- LXVII. **A Novel Brain - Computer Interface based on the Gaze Rotating Vane Independent EEG**
Maleki M., Manshouri N., KAYIKÇIOĞLU T.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1204-1207
- LXVIII. **An Improved Method for Dual-Wavelength Photoplethysmography with the Ability to Extract Time Difference Features**
Vahdani-Manaf N., KAYIKÇIOĞLU T.
2nd International Congress on Technology, Communication and Knowledge (ICTCK), Mashhad, Iran, 11 - 12 November 2015, pp.213-217
- LXIX. **Comparison of Time Difference Variations of Photoplethysmographic Signals with Different Wavelengths**
Vahdani-Manaf N., KAYIKÇIOĞLU T.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1134-1137
- LXX. **Experimental Comparison of Different Noise Reduction Techniques on Cone Beam Computed Tomography Images**
YILMAZ E., KAYIKÇIOĞLU T., KAYIPMAZ S.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.2086-2089
- LXXI. **Time Difference Analysis of Two-Wavelength Photoplethysmograph Signals**
Manaf N. V., KAYIKÇIOĞLU T.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.2241-2244
- LXXII. **Neuronal Motifs of Long Term and Short Term Memory Functions**
Turan A., KAYIKÇIOĞLU T.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.1255-1258
- LXXIII. **Classification of Electroencephalogram Signals Based on Cursor Movement Imagery**
AYDEMİR Ö., KAYIKÇIOĞLU T.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.858-861
- LXXIV. **Effect to Long Term and Short Term Memory Behaviour of Structural Changes in Dendritic Spine**
Turan A., KAYIKÇIOĞLU T.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.1616-1619
- LXXV. **Konik Işınlı Bilgisayarlı Tomografi Görüntülerindeki Çene Patolojilerinin Rasgele Yürüyüşle Belirlenmesi**
YILMAZ E., KAYIKÇIOĞLU T., KAYIPMAZ S., SEZGİN Ö. S.
ULUSLARARASI 8. İSTATİSTİK KONGRESİ, Antalya, Turkey, 27 - 30 October 2013, pp.272-273
- LXXVI. **A New Method For Selection Optimum k Value In k-NN Classification Algorithm**

- MALEKI M., EROGLU K., AYDEMİR Ö., MANSHOORI N., KAYIKÇIOĞLU T.
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013
- LXXVII. **Deciding the Appropriate Mother Wavelet for Extract Features from Brain Computer Interface Signals**
AYDEMİR Ö., KAYIKÇIOĞLU T.
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013
- LXXVIII. **Fast and High Accuracy Classification of Sleep EEG Using PLSR Method**
EROGLU K., MALEKI M., KAYIKÇIOĞLU T.
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013
- LXXIX. **Classification of Various Facial Movement Artifacts in EEG Signals**
Pourzare S., AYDEMİR Ö., KAYIKÇIOĞLU T.
35th International Conference on Telecommunications and Signal Processing (TSP), Prague, Czech Republic, 3 - 04 July 2012, pp.529-533
- LXXX. **A curve fitting method for point clouds based on local line projections**
ÖZTÜRK M., KAYIKÇIOĞLU T.
Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Antalya, Turkey, 20 - 22 April 2011, pp.218-221
- LXXXI. **Performance Evaluation of Five Classification Algorithms in Low-Dimensional Feature Vectors Extracted From EEG Signals**
AYDEMİR Ö., ÖZTÜRK M., KAYIKÇIOĞLU T.
34th International Conference on Telecommunications and Signal Processing (TSP), Budapest, Hungary, 18 - 20 August 2011, pp.403-407
- LXXXII. **Motor imagery ECoG signals classification using wavelet transform features Dalgacık dönüşümü öznelikleri kullanarak motor imgeleme ECoG işaretlerinin siniflandırılması**
AYDEMİR Ö., KAYIKÇIOĞLU T.
18th IEEE Signal Processing and Communications Applications Conference, SIU 2010, Diyarbakır, Turkey, 22 - 24 April 2010, pp.296-299
- LXXXIII. **A model-based edge detection method for medical images Tibbi görüntüler için model- esasli kenar belirleme yöntemi**
ÖZTÜRK M., KAYIKÇIOĞLU T., Türe H.
18th IEEE Signal Processing and Communications Applications Conference, SIU 2010, Diyarbakır, Turkey, 22 - 24 April 2010, pp.748-751
- LXXXIV. **Tıbbi Görüntüler için Model- esaslı Kenar Belirleme Yöntemi**
ÖZTÜRK M., KAYIKÇIOĞLU T., TÜRE H.
Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Diyarbakır, Turkey, 22 - 24 April 2010, pp.748-751
- LXXXV. **Classifying ECoG Based Mental Tasks Using Wavelet Transform Features**
AYDEMİR Ö., KAYIKÇIOĞLU T.
33rd International Conference on Telecommunication and Signal Processing, Vienna, Austria, 17 - 20 August 2010, pp.103-107
- LXXXVI. **EEG Tabanlı Beyin Bilgisayar Arayüzleri**
AYDEMİR Ö., KAYIKÇIOĞLU T.
Akademik Bilişim 2009, Turkey, 11 - 13 February 2009
- LXXXVII. **Feature Extraction from Raw EEG Signals by Using Second Order Polynomial Fitting Algorithm**
Aydemir O., KAYIKÇIOĞLU T.
IEEE 17th Signal Processing and Communications Applications Conference, Antalya, Turkey, 9 - 11 April 2009, pp.37-40
- LXXXVIII. **Three-dimensional reconstruction of coronary arterial segments from edges in its three images taken at arbitrary views Üç-boyutlu koroner damar parçalarının üç keyfi açıdan alınmış anjiyo görüntülerindeki kenarlardan elde edilmesi**
Oeztuerk M., KAYIKÇIOĞLU T.
2008 IEEE 16th Signal Processing, Communication and Applications Conference, SIU, Aydın, Turkey, 20 - 22 April 2008

- LXXXIX. **Three-dimensional reconstruction of coronary arterial segments from edges in its three images taken at arbitrary views**
ÖZTÜRK M., KAYIKÇIOĞLU T.
Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Aydın, Turkey, 20 - 22 April 2008, pp.1-4
- XC. **A Markov model developed for sodium channel currents in cerebellar Purkinje neurons**
Özkaner V., KAYIKÇIOĞLU T.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.519-520
- XCII. **A Virtual Private Network-Based Laboratory Information System Serving For Rural Areas**
TURHAN K., KAYIKÇIOĞLU T.
Proc. International Symposium on Health Informatics HIBIT'05, Middle East Technical University, Antalya, Turkey, 10 - 12 November 2005, pp.162-165
- XCIII. **Doğrusal Olmayan Model Kullanarak Tıbbi Görüntülerde Kenar Belirleme**
HAYATİ T., KAYIKÇIOĞLU T., GANGAL A.
SİU 2003, İstanbul, Turkey, 12 - 14 May 2003
- XCIV. **Beyincik Purkinje Hücrelerinin Farklı Pasif Modeller İçin Paralel Lif ve Yıldızlı Hücre Uyarımlarına Tepkisi**
SEVİM Y., Özkaner V., KAYIKÇIOĞLU T., ATASOY A.
11. Sinyal İşleme ve Uygulamaları Kurultayı, İstanbul, Turkey, 1 - 03 January 2003, pp.593-596
- XCV. **Bilgisayarla Görmede Engellenmiş Eliptik Şekillerin Belirlenmesi**
BERNA YEŞİM O., KAYIKÇIOĞLU T., GANGAL A.
SİU'98, Ankara, Turkey, 17 - 19 May 1998
- XCVI. **İnternet Üzerinden Görüntülü Haberleşme**
GANGAL A., BARIŞ E., KAYIKÇIOĞLU T.
SİU'98, Ankara, Turkey, 17 - 19 May 1998
- XCVII. **Tıbbi Görüntülerin Kayıpsız Sıkıştırılması**
GANGAL A., GÖKSEV K., KAYIKÇIOĞLU T.
SİU'98, Ankara, Turkey, 17 - 19 May 1998
- XCVIII. **Elektromiyogram İşaretlerin Ayrıştırılması**
KAYIKÇIOĞLU T., İBRAHİM MUSTAFA E., GANGAL A.
SİU'97, Aydın, Turkey, 12 - 14 May 1997
- XCVIII. **Doğrusal Zamanla Değişmeyen Dizgelerin Durum Modeli Parametrelerinin Kestirimi**
ATASOY A., KAYIKÇIOĞLU T., GANGAL A.
SİU'97, Aydın, Turkey, 12 - 14 May 1997
- XCIX. **Bilgisayarla görmede Parçalı Eliptik Şekillerin Tanınması**
KAYIKÇIOĞLU T., BERNA YEŞİM O., GANGAL A.
SİU'97, Aydın, Turkey, 12 - 14 May 1997
- C. **Dallanmış Koroner Damarlarının Üç boyutlu Yapısının Farklı Açılardan Alınmış Anjiyogramlarından Elde Edilmesi**
KAYIKÇIOĞLU T., ÖZKAN İ., GANGAL A.
SİU'97, Aydın, Turkey, 12 - 14 May 1997
- CI. **Doğrusal Zamanla Değişmeyen Dizgelerin Durum Modeli Parametrelerinin Kestirimi**
ATASOY A., KAYIKÇIOĞLU T., GANGAL A.
5. Sinyal İşleme ve Uygulamaları Kurultayı, Nevşehir, Turkey, 1 - 03 May 1997, vol.1, pp.420-425
- CII. **Isaret Örneklemede Bulanık Mantık Yöntemi**
DİZDAROĞLU B., GANGAL A., Kayıkçioğlu T., Atasoy A.
5. Sinyal İşleme ve Uygulamaları Kurultayı, İzmir, Turkey, 1 - 03 May 1997, pp.855-860
- CIII. **Estimation of the Parameters of a Multipath Channel**
GANGAL A., SEZER M., KAYIKÇIOĞLU T., KAYA H.
ICARCV'96, Singapore, 13 - 15 October 1996
- CIV. **Three Dimensional Reconstruction of Coronary Arterial Trees from Three Angiograms**
KAYIKÇIOĞLU T., ÖZKAN İ., GANGAL A.

ICARCV'96, Singapore, 13 - 15 October 1996

- CV. **Koronar Arterlerin Kuantitatif Analizi ve 3 Boyutlu Yapısının Eldesi İçin Gerekli Donanım ve Yazılımın Gerçekleştirilmesi**
KAYIKÇIOĞLU T., ÖZKAN İ., GANGAL A.
SİU'96, Antalya, Turkey, 13 - 15 May 1996
- CVI. **Çok Yollu İletişim Kanal Parametrelerinin Kestirimi**
GANGAL A., SEZER M., KAYIKÇIOĞLU T.
SİU'96, Antalya, Turkey, 13 - 15 May 1996
- CVII. **Improvement of video signal-to-noise ratio with adaptive recursive filtering**
GANGAL A., Kayikcioglu T., ATASOY A., OZER M.
8th Mediterranean Electrotechnical Conference on Industrial Applications in Power Systems, Computer Science and Telecommunications (Melecon 96), Bari, Italy, 13 - 16 May 1996, pp.1686-1689
- CVIII. **Video Telefon Sinyallerinin Kodlanmasında Uyarlanırlık Blok Karşılaştırmaya Dayalı Yeni Bir Hareket Kestirim Yöntemi**
GANGAL A., KAYIKÇIOĞLU T.
SIU'95, NECŞEHİR, Turkey, 15 - 17 May 1995
- CIX. **Çok Girişli Çok Çıkışlı Doğrusal Zamanla Değişmeyen Sürekli Sistemlerin Tanınmasında Yeni Bir Yöntem**
ATASOY A., KAYIKÇIOĞLU T.
Sinyal İşleme ve Uygulamaları Kurultayı, Nevşehir, Turkey, 26 - 28 April 1995, pp.55-60

Supported Projects

ALTAŞ İ. H., KAYIKÇIOĞLU T., ÇAVDAR İ. H., ÖZKOP E., SEVİM Y., ÇAKIR O., HACIOĞLU G., YAZGAN A., KAYA H., NUROĞLU F. M., et al., Project Supported by Higher Education Institutions, ElektrikElektronik Mühendisliği Bölümü Lisans Laboratuvarları Altyapısının İyileştirilmesi, 2016 - 2017

Activities in Scientific Journals

Turkish Journal of Electrical Engineering & Computer Sciences, Committee Member, 2014 - Continues

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