



5-20-2024

Cover and Contents

Follow this and additional works at: <https://journals.tubitak.gov.tr/elektrik>

Recommended Citation

(2024) "Cover and Contents," *Turkish Journal of Electrical Engineering and Computer Sciences*: Vol. 32: No. 3, Article 1. <https://doi.org/10.55730/1300-0632.4074>
Available at: <https://journals.tubitak.gov.tr/elektrik/vol32/iss3/1>

This Cover and Contents is brought to you for free and open access by TÜBİTAK Academic Journals. It has been accepted for inclusion in Turkish Journal of Electrical Engineering and Computer Sciences by an authorized editor of TÜBİTAK Academic Journals. For more information, please contact pinar.dundar@tubitak.gov.tr.

VOLUME | ISSUE | YEAR
32 | 3 | 2024
ISSN 1300-0632 • E-ISSN 1303-6203

TURKISH JOURNAL OF
**ELECTRICAL
ENGINEERING
& COMPUTER
SCIENCES**

<http://journals.tubitak.gov.tr/elektrik/>



Published by the Scientific and
Technological Research Council of Türkiye

TÜBİTAK

TURKISH JOURNAL OF ENGINEERING & COMPUTER SCIENCES

Editor-in-Chief	Muhammet Uzuntarla Gebze Technical University, Türkiye
Associate Editor in Chief	Sedat AKLEYLEK University of Tartu, Estonia
Associate Editor in Chief	Joaquín J. TORRES-AGUDO University of Granada, Spain
Associate Editor in Chief	Şaban ÖZTÜRK Ankara Hacı Bayram Veli University, Türkiye

VOLUME 32 • ISSUE 3 • 2024
ISSN 1300-0632 • E-ISSN 1303-6203

SCOPE

- The Turkish Journal of Electrical Engineering & Computer Sciences is published electronically 6 times a year by the Scientific and Technological Research Council of Turkey (TÜBİTAK)
- Accepts English-language manuscripts in the areas of power and energy, environmental sustainability and energy efficiency, electronics, industry applications, control systems, information and systems, applied electromagnetics, communications, signal and image processing, tomographic image reconstruction, face recognition, biometrics, speech processing, video processing and analysis, object recognition, classification, feature extraction, parallel and distributed computing, cognitive systems, interaction, robotics, digital libraries and content, personalized healthcare, ICT for mobility, sensors, and artificial intelligence.
- Contribution is open to researchers of all nationalities.

EDITORIAL BOARD

- Akın TAŞCIKARAOĞLU, Muğla Sıtkı Koçman University, Türkiye
- Alptekin KÜPÇÜ, Koç University, Türkiye
- Baha ŞEN, Yıldırım Beyazıt University, Türkiye
- Berrin YANIKOĞLU, Sabancı University, Türkiye
- Burak KÜRKCÜ, Hacettepe University, Türkiye
- Cengiz ACARTÜRK, Jagiellonian University, Poland
- Cengiz KAHRAMAN, Istanbul Technical University, Türkiye
- Ecir Uğur Küçükşille, Süleyman Demirel Üniversitesi, Türkiye
- Emin ANARIM, Boğaziçi University, Türkiye
- Emre AKBAŞ, Middle East Technical University, Türkiye
- Emre SARIYILDIZ, University of Wollongong, Australia
- Enver EVER, Middle East Technical University, Türkiye
- Erdoğan DOĞDU, Angelo State University, U.S.A.
- Ergun ERÇELEBİ, Gaziantep University, Türkiye
- Fatma Latifoğlu, Erciyes Üniversitesi, Türkiye
- Hakan KUTUCU, Karabük University, Türkiye
- Hasan Fatih UĞURDAĞ, Özyeğin University, Türkiye
- İbrahim Beklan KÜÇÜKDEMİRAL, Glasgow Caledonian University, United Kingdom
- İbrahim Şengör, Munster Technological University, Ireland
- Josep M. GUERRERO, Aalborg University, Denmark
- Kamer Kaya, Sabancı Üniversitesi, Türkiye
- Kemal OFLAZER, Carnegie Mellon University in Qatar, Qatar
- Koray KAYABOL, Gebze Technical University, Türkiye
- Mahmut Taylan Kandemir, Pennsylvania State University, USA
- Matjaz PERC, University of Maribor, Slovenia
- Mehmet DEMİRCİ, Gazi University, Türkiye
- Mehmet KARAKÖSE, Fırat University, Türkiye
- Mehmet Kemal LEBLEBİCİOĞLU, Middle East Technical University, Türkiye
- Mehmet Önder EFE, Hacettepe University, Türkiye
- Merih PALANDÖKEN, Katip Çelebi University, Türkiye
- Mouquan SHEN, Nanjing Tech University, China
- Murat GÖL, Middle East Technical University, Türkiye
- Murat KARAKUŞ, Ankara University, Türkiye
- Mustafa Alper SELVER, Dokuz Eylül University, Türkiye
- Nur Hüseyin KAPLAN, Erzurum Technical University, Türkiye
- Nusret Tan, Inonu Üniversitesi, Türkiye
- Ozan ERDİNÇ, Yıldız Technical University, Türkiye
- Ömer Nezih GEREK, Anadolu University, Türkiye
- Pınar KARAGÖZ, Middle East Technical University, Türkiye
- Ramazan BAYINDIR, Gazi University, Türkiye
- Saru KUMARI, Ch. Charan Singh University India
- Sema CANDEMİR, Eskişehir Technical University, Türkiye
- Seong Oun HWANG, Gachon University, Korea
- Suat ÖZDEMİR, Hacettepe Üniversitesi, Türkiye
- Şenan Ece G. SCHMIDT, Middle East Technical University, Türkiye
- Tolgay KARA, Gaziantep University, Türkiye
- Tuğrul ÇAVDAR, Karadeniz Technical University, Türkiye
- Tuğçe Demirdelen, Adana Alparslan Türkeş Bilim ve Teknoloji Üniversitesi, Türkiye
- Tunga GÜNGÖR, Boğaziçi University, Türkiye
- Ümmühan Başaran FİLİK, Eskişehir Technical University, Türkiye

ABSTRACTED

- Science Citation Index Expanded
- Scopus
- Academic Search Complete
- Inspec

CONTENTS

Unveiling anomalies: a survey on XAI-based anomaly detection for IoT	358
Esin EREN, Feyza YILDIRIM OKAY, Suat ÖZDEMİR	
Deep learning-based breast cancer diagnosis with multiview of mammography screening to reduce false positive recall rate	382
Meryem Altın KARAGÖZ, O. Ufuk NALBANTOĞLU, Derviş KARABOĞA Bahriye AKAY, Alper BAŞTÜRK, Halil ULUTABANCA Serap DOĞAN, Damla COŞKUN, Osman DEMİR	
Text-to-SQL: A methodical review of challenges and models	403
Ali Buğra KANBUROĞLU, F. Boray TEK	
Signer-independent sign language recognition with feature disentanglement	420
İpek ERDOĞAN, İnci M. BAYTAŞ	
Security fusion method of physical fitness training data based on the Internet of Things	436
Bin ZHOU	
DPafy-GCaps: Denoising patch-and-amplify Gabor capsule network for the recognition of gastrointestinal diseases	452
Henrietta Adjei POKUAA, Adebayo Felix ADEKOYA Benjamin Asubam WEYORI, Owusu NYARKO-BOATENG	
Stereo-image-based ground-line prediction and obstacle detection	465
Emre GÜNGÖR, Ahmet ÖZMEN	
Joint control of a flying robot and a ground vehicle using leader-follower paradigm	483
Ayşen Süheyla BAĞBAŞI, Ali Emre TURGUT, Kutluk Bilge ARIKAN	