

Prof. REFİK SAMET



Personal Information

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Bilgisayar Mühendisliği Bölümü, I Blok Gölbaşı/ANKARA



International Researcher IDs

ScholarID: eK2OFH0AAAAJ

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Publons / Web Of Science ResearcherID: AAG-4597-2019

ScopusID: 25229235500

Yoksis Researcher ID: 109045

Education Information

Doctorate, Rusya Bilimler Akademisi, Kontrol Bilimleri Enstitüsü, Arıza-Kaldırılabilir Sistemlerin Tasarımı ve Geliştirilmesi, Russia 1988 - 1992

Postgraduate, Kiev Politeknik Enstitüsü, Enformatik Ve Bilgisayar Bilimleri Lisans Ve Yüksek Lisans Bileşik, Ukraine 1977 - 1983

Undergraduate, Kiev Politeknik Enstitüsü, Enformatik Ve Bilgisayar Bilimleri, Ukraine 1977 - 1983

Foreign Languages

English, B2 Upper Intermediate

Russian, C1 Advanced

Dissertations

Doctorate, Çok İşlemcili ve Çok Bilgisayarlı Kontrol Sistemlerinin Arıza-Kaldırılabilirliği, Rusya Bilimler Akademisi, 1992

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2017 - Continues

Associate Professor, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2013 - 2017
Assistant Professor, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2004 - 2013
Associate Professor, Pamukkale University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, 1997 - 2003
Associate Professor, Amaka Ve Rusya Devlet Yüksekokulu Uluslararası Tatbikat Kosmonantika Enstitüsü, Enformatik Ve Bilgisayar Bilimleri, Gerçek Zamanlı Bilgisayar Kontrol Sistemleri, 1992 - 1996
Assistant Professor, Amaka Ve Rusya Devlet Yüksekokulu Uluslararası Tatbikat Kosmonantika Enstitüsü, Enformatik Ve Bilgisayar Bilimleri, Gerçek Zamanlı Bilgisayar Kontrol Sistemleri, 1983 - 1991

Academic and Administrative Experience

Program Koordinatörü, Ankara University, Sağlık Bilimleri Enstitüsü, Institute of Forensic Sciences, 2012 - Continues
Head of Department, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2018 - 2022
Ankara University, 2006 - 2009
Ankara University, 2004 - 2009
Pamukkale University, 1997 - 2003

Courses

ARAŞTIRMA TEKNİKLERİ II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014
ARAŞTIRMA TEKNİKLERİ I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
ARAŞTIRMA TEKNİKLERİ VE YAYIN ETİĞİ, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Computer Networks, Undergraduate, 2022 - 2023
Research Techniques II, Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018
INVESTIGATING HARD DISK AND FILE AND OPERATING SYSTEMS, Postgraduate, 2022 - 2023
BİLGİSAYAR AĞLARI VE VERİ İLETİŞİMİ, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014
BİLGİSAYAR SİSTEMLERİ, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
ANDROİD İŞLETİM SİSTEMİ İLE UYGULAMALAR GELİŞTİRME, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
Research Techniques I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Computer Network and Data Communications, Postgraduate, 2022 - 2023
Research Techniques and Ethic Issues in Computer Forensics, Postgraduate, 2022 - 2023
ANDROID Operating System for Mobile Devices, Undergraduate, 2022 - 2023
UZMANLIK ALAN DERSİ, Doctorate, 2018 - 2019, 2017 - 2018
MOBİL CİHAZLAR İÇİN ANDROID İŞLETİM SİSTEMİ, Undergraduate, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
VERİ İLETİŞİMİ VE AĞLAR, Undergraduate, 2017 - 2018
UZMANLIK ALAN DERSİ, Postgraduate, 2016 - 2017, 2013 - 2014
BİLGİSAYAR KONTROL SİSTEMLERİNİN GÜVENİLİRLİĞİ VR ARIZA KALDIRILABİLİRLİĞİ, Postgraduate, 2015 - 2016
SİNYALLER VE SİSTEMLER, Undergraduate, 2014 - 2015, 2013 - 2014
VERİ İLETİŞİMİ, Undergraduate, 2014 - 2015, 2013 - 2014

Advising Theses

- Samet R., Endüstriyel Uygulamalarda Nesne Yüzey Hatalarının Bilgisayarla Görme Tabanlı Tespiti, Doctorate, S.TURAL(Student), 2023
- Samet R., H&E boyalı histopatolojik görüntülerde çekirdek segmentasyonu için derin öğrenmeye dayalı yeni bir mimarinin geliştirilmesi, Postgraduate, M.TRAORE(Student), 2023
- Samet R., BAĞLANTILI ARAÇLARDA NESNELERİN İNTERNETİ SİBER SALDIRILARININ ADLİ BİLİŞİM AÇISINDAN İNCELENMESİ, Postgraduate, Ö.ÖNEY(Student), 2023
- Samet R., BLOK ZİNCİRİ TABANLI NOTER UYGULAMASI, Postgraduate, H.USLU(Student), 2023
- Samet R., Veri setine uygulanan ön işlemlerin anomali tabanlı saldırı tespit modellerinin performansları üzerindeki etkisinin incelenmesi, Postgraduate, E.GÜL(Student), 2022
- Samet R., Kötü amaçlı yazılımların derin öğrenme yöntemi ile tespit edilmesi, Postgraduate, Ü.KÖSE(Student), 2022
- Samet R., Kablosuz yerel alan ağlarında saldırıların tespit edilmesi ve analizi, Doctorate, M.ÖZKAN(Student), 2022
- Samet R., BLUETOOTH BASED MOBILE AUTOMATIC CLASS ATTENDANCE MANAGEMENT SYSTEM, Postgraduate, M.YÜCEİLYAS(Student), 2022
- Samet R., USB taşınabilir veri depolama ortamlarının windows işletim sistemi üzerinde bıraktıkları izlerin adli bilişim teknikleri ile incelenmesi, Postgraduate, S.TANER(Student), 2022
- SAMET R., Macos işletim sistemine sahip bilgisayarlar üzerinde adli bilişim açısından önem arz eden kayıtların incelenmesi, Postgraduate, T.KURTCA(Student), 2021
- SAMET R., Adli bilişimde standardizasyon, sertifikasyon, akreditasyon ve en iyi uygulamalar, Postgraduate, P.ÖZKAYA(Student), 2021
- SAMET R., Zararlı yazılımların göstermiş oldukları davranışlara göre analiz ve tespit edilmesi / Analysis and detection of malware based on behaviors Yazar:ÖMER ASLAN, Doctorate, Ö.Aslan(Student), 2020
- SAMET R., Distributed denial of service (DDoS) attacks detection by using machine learning methods on online systems, Postgraduate, D.BAŞKAYA(Student), 2020
- SAMET R., Zararlı yazılımların göstermiş oldukları davranışlara göre analiz ve tespit edilmesi, Doctorate, Ö.ASLAN(Student), 2020
- SAMET R., Büyük verilere yetkisiz erişimlerin tespit edilmesi ve engellenmesi tekniklerinin incelenmesi ve uygulaması, Postgraduate, F.TOY(Student), 2019
- SAMET R., Internet of things privacy and security management, Postgraduate, E.DENİZ(Student), 2019
- SAMET R., Çok kameralı nesne takibi tabanlı video sinopsis, Doctorate, K.BATUHAN(Student), 2019
- SAMET R., Paralel veri işleme teknikleri kullanılarak silindirik metal nesnelerin yüzey hatalarının gerçek zamanlı olarak belirlenmesi, Doctorate, S.AYDIN(Student), 2019
- SAMET R., Yüz tanıma sistemlerinin yanıtılmasına karşı bir yöntem: yüz videolarında nabız tespiti ile canlılık doğrulaması, Postgraduate, A.UFUK(Student), 2018
- SAMET R., Dağıtık servis dışı bırakma saldırılarının incelenmesi ve korunma yöntemleri, Postgraduate, E.MASUM(Student), 2017
- SAMET R., Yüz bulma ve tanıma tabanlı otomatik sınıf yoklama yönetim sistemi, Postgraduate, M.TANRIVERDİ(Student), 2017
- SAMET R., Sayısal görüntü işleme teknikleri kullanılarak iki boyutlu görüntü üzerinde yapılan üç boyutlu manipülasyonun analizi, Postgraduate, M.ATILGAN(Student), 2017
- SAMET R., İnterpolasyon Teknikleri ile Eksik Yer Radarı Verilerinin Üretilmesi, Postgraduate, M.ÖZKAN(Student), 2016
- SAMET R., Gerçek zamanlı kovan muayene sisteminde kovan hatalarının bulunması algoritmalarının tasarımı ve uygulaması, Postgraduate, A.BAYRAM(Student), 2016
- SAMET R., Tıbbi görüntü işleme teknikleri ile iki boyutlu bilgisayar tomografisi görüntüleri üzerinde damar segmentasyonu, Postgraduate, Z.YILDIRIM(Student), 2016
- SAMET R., 2 boyutlu yer radarı görüntülerinden 3 boyutlu görüntü elde etme tekniklerinin araştırılması ve uygulanması, Postgraduate, E.ŞENGÖNÜL(Student), 2016
- SAMET R., IMSI catcher tespit yöntemleri tasarımı ve uygulaması, Postgraduate, Ö.FARUK(Student), 2015
- SAMET R., Bilgisayarlı tomografi (BT) görüntüleri üzerinde akciğer nodüllerinin otomatik teşhisi ve üç boyutlu modellenmesi, Postgraduate, A.DEMİRPOLAT(Student), 2014

SAMET R., Gerçek zamanlı sayısal görüntü işleme ve örüntü tanıma tekniklerinin araştırılması ve uygulanması, Postgraduate, G.SAKHI(Student), 2013
SAMET R., Gerçek zamanlı meteoroloji verilerinin toplanması, analizi ve haritalanması, Postgraduate, S.TURAL(Student), 2011
SAMET R., Bilgisayar ortamında kayaların jeokimyasal bileşimlerinin jeostatistiği, modellenmesi ve haritalanması, Postgraduate, S.YÜKSEL(Student), 2009
SAMET R., Gerçek zamanlı bilgisayar kontrol sistemlerinde işlem süreci organizasyonu, Postgraduate, O.FİKRET(Student), 2008
SAMET R., Dijital yükseklik modeli verisi kullanılarak üç boyutlu dijital harita modeli geliştirilmesi, Postgraduate, E.EMRAH(Student), 2007

Advising Graduates (Non-Thesis)

Samet R., CNC Teknolojisi İle Sahte Belge Düzenleme Konusunun Araştırılması, Masters (Non-Thesis), H.TATLI(Student), 2023
Samet R., Bilişim ve Bilişim Suçların Hukuki Boyutlarının İncelenmesi, Masters (Non-Thesis), S.CEYLAN(Student), 2022
Samet R., Adli Bilişimde Kullanılan Araçların/Yazılımların Araştırılması ve Uygulanması, Masters (Non-Thesis), S.Umut(Student), 2020

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara University, October, 2023
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara University, October, 2023
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara University, October, 2023
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara University, October, 2023
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara University, October, 2023
Associate Professor Exam, Associate Professor Exam, Ankara University, October, 2022
Associate Professor Exam, Associate Professor Exam, Ankara University, October, 2022
Associate Professor Exam, Associate Professor Exam, Ankara University, October, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara University, July, 2022
Post Graduate, Post Graduate, Ankara University, June, 2022
Post Graduate, Post Graduate, Ankara University, June, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara University, March, 2022
Associate Professor Exam, Associate Professor Exam, Ankara University, March, 2022
Doctorate, Doctorate, Ankara University, January, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara University, July, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara University, January, 2019

Published journal articles indexed by SCI, SSCI, and AHCI

1. **CompSegNet: An enhanced U-shaped architecture for nuclei segmentation in H&E histopathology images**

Traore M., Hancer E., SAMET R., YILDIRIM Z., Nemati N.
BIOMEDICAL SIGNAL PROCESSING AND CONTROL, vol.97, 2024 (SCI-Expanded)

- II. **Can There Be A Two Way Hash Function ?**
Koroglu T., SAMET R.
IEEE Access, vol.12, pp.18358-18386, 2024 (SCI-Expanded)
- III. **Examination of MAC address records of phones connected to the macOS computer MacOS bilgisayara bağlanan telefonların MAC adresi kayıtlarının incelenmesi**
Kurtca T., SAMET R.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.39, no.3, pp.1637-1647, 2024 (SCI-Expanded)
- IV. **Veri setine uygulanan ön işlemler ile makine öğrenimi yöntemi kullanılarak geliştirilen saldırı tespit modellerinin performanslarının artırılması**
Ilgün E. G., Samet R.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.39, no.2, pp.679-692, 2023 (SCI-Expanded)
- V. **An imbalance-aware nuclei segmentation methodology for H&E stained histopathology images**
Hancer E., Traore M., SAMET R., Yildirim Z., Nemati N.
BIOMEDICAL SIGNAL PROCESSING AND CONTROL, vol.83, 2023 (SCI-Expanded)
- VI. **An Analysis of Artificial Intelligence Techniques in Surveillance Video Anomaly Detection: A Comprehensive Survey**
Sengonul E., SAMET R., Abu Al-Haija Q., Alqahtani A., Alturki B., Alsulami A. A.
APPLIED SCIENCES-BASEL, vol.13, no.8, 2023 (SCI-Expanded)
- VII. **DEEP LEARNING BASED CLASSIFICATION OF MILITARY CARTRIDGE CASES AND DEFECT SEGMENTATION**
Tural S., Samet R., Aydin S., Traore M.
IEEE ACCESS, vol.10, pp.1-16, 2022 (SCI-Expanded)
- VIII. **A Comprehensive Systematic Literature Review on Intrusion Detection Systems**
Ozkan-Okay M., SAMET R., Aslan O., Gupta D.
IEEE ACCESS, vol.9, pp.157727-157760, 2021 (SCI-Expanded)
- IX. **SABADT: Hybrid Intrusion Detection Approach for Cyber Attacks Identification in WLAN**
ÖZKAN OKAY M., Aslan O., ERYİĞİT R., SAMET R.
IEEE Access, vol.9, pp.157639-157653, 2021 (SCI-Expanded)
- X. **Using a Subtractive Center Behavioral Model to Detect Malware**
Aslan O., SAMET R., TANRIÖVER Ö. Ö.
SECURITY AND COMMUNICATION NETWORKS, vol.2020, 2020 (SCI-Expanded)
- XI. **A Comprehensive Review on Malware Detection Approaches**
Aslan O., SAMET R.
IEEE ACCESS, vol.8, pp.6249-6271, 2020 (SCI-Expanded)
- XII. **Video synopsis: A survey**
Baskurt K. B., SAMET R.
COMPUTER VISION AND IMAGE UNDERSTANDING, vol.181, pp.26-38, 2019 (SCI-Expanded)
- XIII. **Real-time parallel image processing applications on multicore CPUs with OpenMP and GPGPU with CUDA**
Aydin S., SAMET R., BAY Ö. F.
JOURNAL OF SUPERCOMPUTING, vol.74, no.6, pp.2255-2275, 2018 (SCI-Expanded)
- XIV. **Long-term multiobject tracking using alternative correlation filters**
Baskurt K. B., SAMET R.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.26, no.5, pp.2246-2259, 2018 (SCI-Expanded)
- XV. **Using interpolation techniques to determine the optimal profile interval in ground-penetrating radar applications**

- SAMET R., Celik E., Tural S., Sengonul E., Ozkan M., Damci E.
JOURNAL OF APPLIED GEOPHYSICS, vol.140, pp.154-167, 2017 (SCI-Expanded)
- XVI. **Metamodeling Methodology for Modeling Cyber-Physical Systems**
Mezhuyev V., SAMET R.
CYBERNETICS AND SYSTEMS, vol.47, no.4, pp.277-289, 2016 (SCI-Expanded)
- XVII. **FAKE GSM BASE STATION ATTACK DETECTION ALGORITHM**
SAMET R., Celik O. F.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.31, no.1, pp.161-169, 2016 (SCI-Expanded)
- XVIII. **TWO-WAY REAL-TIME METEOROLOGICAL DATA ANALYSIS AND MAPPING INFORMATION SYSTEM**
SAMET R., Tural S., Ercan T.
APPLIED AND COMPUTATIONAL MATHEMATICS, vol.13, no.3, pp.350-365, 2014 (SCI-Expanded)
- XIX. **A new approach to the reconstruction of contour lines extracted from topographic maps**
SAMET R., Hancer E.
JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION, vol.23, no.4, pp.642-647, 2012 (SCI-Expanded)
- XX. **Recovery Device for Real-Time Dual-Redundant Computer Systems**
SAMET R.
IEEE TRANSACTIONS ON DEPENDABLE AND SECURE COMPUTING, vol.8, no.3, pp.391-403, 2011 (SCI-Expanded)
- XXI. **CHOOSING BETWEEN DESIGN OPTIONS FOR REAL-TIME COMPUTERS TOLERATING A SINGLE FAULT**
SAMET R.
JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS, vol.19, no.5, pp.1041-1068, 2010 (SCI-Expanded)
- XXII. **AN IMPLEMENTATION OF AUTOMATIC CONTOUR LINE EXTRACTION FROM SCANNED DIGITAL TOPOGRAPHIC MAPS**
SAMET R., Askerzade İ., Varol C.
APPLIED AND COMPUTATIONAL MATHEMATICS, vol.9, no.1, pp.116-127, 2010 (SCI-Expanded)
- XXIII. **Behaviors of real-time schedulers under resource modification and a steady scheme with bounded utilization**
SAMET R., Duman O. F.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.18, no.6, pp.1115-1130, 2010 (SCI-Expanded)
- XXIV. **Hardware Implementation of Fault-Tolerance in Dual Computer Systems**
SAMET R.
QUALITY AND RELIABILITY ENGINEERING INTERNATIONAL, vol.25, no.8, pp.1015-1028, 2009 (SCI-Expanded)
- XXV. **Design and implementation of highly reliable dual-computer systems**
SAMET R.
COMPUTERS & SECURITY, vol.28, no.7, pp.710-722, 2009 (SCI-Expanded)
- XXVI. **Fault-Tolerant Procedures for Redundant Computer Systems**
SAMET R.
QUALITY AND RELIABILITY ENGINEERING INTERNATIONAL, vol.25, no.1, pp.41-68, 2009 (SCI-Expanded)
- XXVII. **Transfer characteristic of a Goto pair in small-size Josephson junctions**
Askerzade İ., SAMET R.
TECHNICAL PHYSICS LETTERS, vol.34, no.9, pp.737-739, 2008 (SCI-Expanded)
- XXVIII. **USING FUZZY SETS FOR FILTERING TOPOGRAPHIC MAP IMAGES**
SAMET R., Namazov M.
APPLIED AND COMPUTATIONAL MATHEMATICS, vol.7, no.2, pp.242-254, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Review of Security Methods in Light Fidelity Technology**

Msallam M. M., SAMET R.

Proceedings of Engineering and Technology Innovation, vol.27, pp.1-17, 2024 (Scopus)

- II. **A Novel Feature Selection Approach to Classify Intrusion Attacks in Network Communications**
Özkan M., Samet R., Aslan O., Kosunalp S., Iliev T., Stoyanov I.
APPLIED SCIENCES, vol.13, no.19, pp.1-26, 2023 (Scopus)
- III. **A Hybridized Deep Learning Methodology for Mitosis Detection and Classification from Histopathology Images**
Nemati N., SAMET R., HANÇER E., YILDIRIM Z., Akkas E. E.
Avestia Publishing, vol.4, 2023 (Peer-Reviewed Journal)
- IV. **SECURE STEGANOGRAPHIC DATA TRANSMISSION METHOD FOR PERIODICALLY UPDATED DATA**
KÖROĞLU T., SAMET R.
Journal of Modern Technology and Engineering, vol.7, no.3, pp.153-171, 2022 (Peer-Reviewed Journal)
- V. **GPU Programlamada CUDA Platformu Kullanılan Paralel Görüntü İşleme Çalışmalarının İncelenmesi**
AYDIN S., SAMET R., BAY Ö. F.
Politeknik Dergisi, vol.23, no.3, pp.737-754, 2020 (ESCI)
- VI. **A Survey on Parallel Image Processing Studies Using CUDA Platform in GPU Programming**
Aydin S., SAMET R., BAY Ö. F.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.23, no.3, pp.737-754, 2020 (ESCI)
- VII. **YAZILIM ÜRÜNLERİNİN TELİF HUKUKU KAPSAMINDA KORUNMASI**
ÖZKAYA P., SAMET R.
ULUSLARARASI BİLGİ GÜVENLİĞİ MÜHENDİSLİĞİ DERGISİ, vol.6, no.1, pp.17-34, 2020 (Peer-Reviewed Journal)
- VIII. **Automated defect detection on surface of military cartridges**
TURAL S., SAMET R.
Journal of Modern Technology and Engineering, vol.4, no.3, pp.178-189, 2019 (Peer-Reviewed Journal)
- IX. **NESNELERİN İNTERNETİNDE ZIGBEE 3.0 AĞLARINA GÜVENLİ KATILIM İÇİN YENİ BİR MODEL ÖNERİSİ**
DENİZ E., SAMET R.
ULUSLARARASIBİLGİGÜVENLİĞİMÜHENDİSLİĞİDERGISİ, vol.5, no.1, pp.35-44, 2019 (Peer-Reviewed Journal)
- X. **Güvenlik Kamera Görüntülerindeki Tarih ve Zaman Sayacı Üzerinde Yapılan Manipülasyonların Tespit Edilebilirliği**
SAMET R., ATILGAN M.
International Journal of InformaticsTechnologies, vol.11, no.4, pp.333-347, 2018 (Peer-Reviewed Journal)
- XI. **Mobil BOTNET İle DDOS Saldırısı**
MASUM E., SAMET R.
Bilişim Teknolojileri Dergisi, vol.11, pp.111-121, 2018 (Peer-Reviewed Journal)
- XII. **INTERPOLATION METHODS FOR RECOVERING THESAMPLING VALUES OF GPR DATA**
ÖZKAN OKAY M., SAMET R.
Series A2-A3: Physical Sciences and Engineering, 2017 (Peer-Reviewed Journal)
- XIII. **3D VISUALIZATION APPROACH TO GPR DATA**
ÖZKAN OKAY M., SAMET R.
Series A2-A3: Physical Sciences and Engineering, 2017 (Peer-Reviewed Journal)
- XIV. **Improved Adaptive Background Subtraction Method Using Pixel-based Segmenter**
Baskurt K., Samet R.
Computer Science Research Notes, vol.2703, pp.41-46, 2017 (Peer-Reviewed Journal)
- XV. **Metamodeling approach for the design of cyber-physical systems**
Mezhuyev V., SAMET R.
Indian Journal of Science and Technology, vol.9, no.3, pp.1-9, 2016 (Scopus)
- XVI. **Fake GSM base station attack detection algorithm,Sahte GSM baz istasyonu saldiri tespit algoritmasi**
Samet R., Çelik Ö.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.31, pp.161-169, 2016 (Peer-Reviewed Journal)

- XVII. **Web based real-time meteorological data analysis and mapping information system**
SAMET R., Tural S.
WSEAS Transactions on Information Science and Applications, vol.7, no.9, pp.1115-1125, 2010 (Scopus)
- XVIII. **GIS Approach to Radioactive Contamination Around Seyitomer Thermic Powerhouse**
DOĞAN M., Meric N., KADIOĞLU Y. K., SAMET R.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.23, no.2, pp.137-148, 2010 (ESCI)
- XIX. **Perehodnaya harakteristika parı Goto na malıh djozefsonovskih perehodah**
ASKERBEYLİ İ., SAMET R.
Pisma v JTB, vol.34, no.17, pp.26-31, 2008 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Bölüm 5: Nesnelerin İnterneti Cihazlar**
ASLAN Ö., SAMET R., ÖZKAN OKAY M.
in: Nesnelerin İnterneti Kuramdan Uygulamaya, Hüseyin ÇAKIR, Çelebi ULUYOL, Editor, Nobel, Ankara, pp.101-126, 2021
- II. **Bölüm 3: Nesnelerin İnterneti Mimarileri ve Protokolleri**
ÖZKAN OKAY M., SAMET R., ASLAN Ö.
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- III. **Bölüm 4: Nesnelerin İnterneti Donanım ve Yazılım**
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- IV. **Analysis of Relationship Between Modes of Intercomputer Communications and Fault Types in Redundant Computer Systems**
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- V. **An Efficient Pose Tolerant Face Recognition Approach**
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- I. **An Advanced Rivest Cipher 4 Algorithm to Transfer Fast and Secure Data Using Li-Fi Technology**
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- II. **Gland Segmentation in H&E Histopathological Images using U-Net with Attention Module**
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- III. **Detection of Colorectal Cancer with Vision Transformers**
Traore M., HANÇER E., SAMET R., YILDIRIM Z., Nemati N.
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- IV. **Effect of Color Normalization on Nuclei Segmentation Problem in H&E Stained Histopathology Images**
YILDIRIM Z., HANÇER E., SAMET R., Traore M., Nemati N.

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- V. **A COMPARATIVE STUDY OF DEEP SEMANTIC SEGMENTATION ARCHITECTURES FOR MITOSIS DETECTION IN HISTOPATHOLOGY IMAGES**
Nemati N., HANÇER E., SAMET R., YILDIRIM Z., Traore M.
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- VI. **A NEW DATASET FOR INTRUSION DETECTION IN WIRELESS LOCAL AREA NETWORK**
ÖZKAN OKAY M., AR Y., SAMET R.
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- VII. **Bluetooth based mobile automatic class attendance management system**
Yuceilyas M., SAMET R.
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- VIII. **THE EFFECT OF PRE-PROCESSING ON THE PERFORMANCE OF ATTACK DETECTION MODELS DEVELOPED WITH MACHINE LEARNING METHOD**
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- IX. **A New Feature Selection Approach and Classification Technique for Current Intrusion Detection System**
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- X. **Detection of Malware with Deep Learning Method**
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- XI. **The effect of background subtraction on abnormal event detection in video surveillance Video gözetiminde arkaplan çıkarmanın anormal olay tespitine etkisi**
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- XII. **Enhancement of 2D/3D GPR data imaging by the proposed TAEF technique: Displaying archeological remains under the Colonnade road in Anavarza ancient city, Adana, Turkey**
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- XIII. **An approach for anomaly detection in GPR data using machine learning techniques**
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- XIV. **A methodology to complete and visualize the GPR data**
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- XVIII. AUTOMATIC NUCLEI SEGMENTATION IN H&E PAINTED HISTOPATHOLOGICAL IMAGES WITH DEEP LEARNING**
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- XIX. Big Data Security Problem Based on Hadoop Framework**
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- XX. An approach to detect and visualize the anomalies based on GPR data**
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- XXI. Low Distortion Rate Steganographic Data Transmission Model**
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- XXII. Nesnelerin İnternetinde ZigBee 3.0 Ağlarına Güvenli Katılım için Yeni Bir Model**
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- XXIII. Interpolation techniques to visualize underground structures with high accuracy using fewer GPR data**
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- XXV. AN APPROACH TO IMPROVE REMOTE PHOTOPLETHYSMOGRAPHY SIGNAL QUALITY**
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- XXVI. REAL-TIME VIDEO SYNOPSIS FOR SURVEILLANCE CAMERAS**
SAMET R., BASKURT K. B.
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- XXVII. SEGMENTATION OF LOW CONTRAST IMAGES BASED ON ADAPTIVE THRESHOLD**
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- XXVIII. BLOOD VESSEL SEGMENTATION ALGORITHM**
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- XXIX. Recovering the incomplete sampling values in GPR data with interpolation techniques**

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- XXX. **3D visualization approach to GPR data**
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- XXXI. **Real-Time Mouth Defects Detection On Military Cartridge Cases**
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- XXXII. **Improved Adaptive Background Subtraction Method Using Pixel-based Segmenter**
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- XXXIII. **Implementation of defect detection on military cartridge with OpenMP**
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- XXXIV. **An approach for 3D visualization of GPR data**
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- XXXV. **Robust Object Tracking Using Alternative Correlation Filters**
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- XXXVI. **Mitigating Cyber Security Attacks by being Aware of Vulnerabilities and Bugs**
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- XXXVII. **Interpolation techniques to recover incomplete GPR data**
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- XXXVIII. **Face Recognition-Based Mobile Automatic Classroom Attendance Management System**
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- XXXIX. **Investigation of Possibilities to Detect Malware Using Existing Tools**
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- XLI. **A New Methodology for Blood Vessel Segmentation on Lung CT Images**
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- XLIII. **GPRVis: New software for analyzing, processing, visualization and interpretation of GPR data**
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- XLIV. **Primer Defects Detection on Military Cartridge Cases**

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- XLV. **INTERPOLATION APPROACH TO SEARCH HIDDEN RESULTS IN GPR DATA**
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- XLVI. **Performance Analysis of GPU Based Parallel Image Segmentation Using CUDA**
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- XLVII. **Real Time Image Processing Applications on Multicore CPUs and GPGPU**
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- XLVIII. **A new multi purpose easy and quick GPR data processing and visualization software**
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- L. **Hybrid Method to the Reconstruction of Contour Lines from Scanned Topographic Maps**
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- LIII. **Sahte Baz İstasyonu Saldırı Tespit Algoritması**
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- LIV. **A Low Complexity Algorithm for H.264/AVC Intra Prediction**
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- LV. **Geometrical Meta-metamodel for Cyber-Physical Modelling**
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- LVII. **Advanced contour reconnection in scanned topographic maps**
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- LVIII. **Web based real-time meteorological data analysis and mapping information system**
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- LIX. **REAL TIME METEOROLOGICAL DATA ANALYSIS AND MAPPING**
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LX. ADVANCED ADAPTIVE MEDIAN FILTER FOR IMPULSIVE NOISES

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LXI. Optimization of quadtree triangulation for terrain models

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III. Adli Bilişim Eğitiminin Gereksinimi ve Genel Olarak Değerlendirilmesi

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SAMET R., TÜBİTAK Project, YER RADARI VERİLERİNİN 3 BOYUTLU ORTAMDA İŞLENMESİ VE GÖRÜNTÜLENMESİ İÇİN İNTERAKTİF YAZILIMIN TASARIMI VE GELİŞTİRİLMESİ, 2013 - 2017

SAMET R., SAZLI M. H., Industrial Thesis Project, Gerçek Zamanlı Paralel Görüntü İşleme Tekniğı ile Kovan Muayene Sisteminin Gerçekleştirilmesi, 2013 - 2016

SAMET R., TUĞRUL B., World Bank Supported Project, Development of the ICT Strategy and Action Plan within the

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Activities in Scientific Journals

MDPI computers, Special Issue Editor, 2022 - Continues

Memberships / Tasks in Scientific Organizations

Bilgisayar Mühendisliği Bölüm Başkanları Kurulu, Member of Science Committee, 2022 - Continues, Turkey

Scientific Refereeing

TÜBİTAK International Bilateral Joint Cooperation Program Project, Japan Society for the Promotion of Science, JSPS Bilateral Cooperation Program, Hacettepe University, Turkey, November 2023

TUBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, ARDEB, Turkey, November 2023

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TUBİTAK Project, 3501 - National Young Researcher Career Development Program, Ankara University, Turkey, February 2023

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Tasks In Event Organizations

Samet R., Investigating Breast Cancer in Histopathology Images with Deep Learning, Workshop Organization, Ankara, Turkey, Kasım 2023

Metrics

Publication: 120

Citation (WoS): 337

Citation (Scopus): 769

H-Index (WoS): 9

H-Index (Scopus): 12

Congress and Symposium Activities

The 12th International Conference on Image Processing Theory, Tools and Applications, Attendee, Paris, France, 2023

The 10th International Conference on Machine Vision and Machine Learning , Attendee, London, England, 2023

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