

Doç.Dr. FATİH ABUT

Kişisel Bilgiler

İş Telefonu: [+90 322 338 7101](tel:+903223387101) Dahili: 28

E-posta: fabut@cu.edu.tr

Diğer E-posta: fabut2020@gmail.com

Web: <http://www.fatihabut.com>

Posta Adresi: Çukurova Üniversitesi Mühendislik Fakültesi Bilgisayar Mühendisliği Bölümü 01330 Balcalı Sarıçam Adana

Eğitim Bilgileri

Doktora, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Türkiye 2014 - 2017

Doktora, Rheinisch-Westfaelische Technische Hochschule Aachen, Bilgisayar Bilimi, Almanya 2013 - 2014

Yüksek Lisans, Fachhochschule Bonn Rhein Sieg, Bilgisayar Bilimi, Almanya 2008 - 2010

Lisans, Fachhochschule Bonn Rhein Sieg, Bilgisayar Bilimi, Almanya 2005 - 2008

Yabancı Diller

Almanca, C2 Ustalık

İngilizce, C1 İleri

Sertifika, Kurs ve Eğitimler

Bilişim, Operational Efficiencies of Multi-Link Capabilities, Atheniem Ltd., 2016

Bilişim, ISO/IEC 12207 - Systems and software engineering / Software life cycle processes, NITELIK Software Consultancy, 2015

Bilişim, IPv6 Deployment on Internet Service Providers Networks - Strategies for the Migration, ExperTeach Networking GmbH, 2012

Bilişim, Cisco Certified Network Associate (CCNA) Training Series 1, 2, 3 and 4, Fachhochschule Bonn Rhein Sieg, 2007

Yaptığı Tezler

Doktora, Development of new hybrid models for prediction of VO2max using machine learning methods combined with feature selection algorithms, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 2017

Yüksek Lisans, Messen von Internet-Bandbreite: Metriken, Methoden und Tools, Fachhochschule Bonn Rhein Sieg, Bilgisayar Bilimi, 2010

Araştırma Alanları

Kablosuz İletişim, Bilgi Güvenliği ve Güvenilirliği, Bilgisayar Ağları, Haberleşme ve Ağ Protokolleri , Veri Yönlendirme, Ağ Mimarisi , Yapay Zeka, Bilgisayarda Öğrenme ve Örüntü Tanıma

Akademik Unvanlar / Görevler

Doç.Dr., Çukurova Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2021 - Devam Ediyor

Dr.Öğr.Üyesi, Çukurova Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2020 - 2021

Dr.Öğr.Üyesi, Adana Bilim Ve Teknoloji Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2017 - 2020

Araştırma Görevlisi, Fachhochschule Bonn Rhein Sieg, Bilgisayar Bilimi, 2009 - 2010

Akademik İdari Deneyim

Bölüm Başkan Yardımcısı, Çukurova Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2020 - Devam Ediyor

Koordinatör, Adana Bilim Ve Teknoloji Üniversitesi, Rektörlük, Sosyal Destek (SODES) Programı Koordinatörlüğü, 2018 - 2020

Verdiği Dersler

Network Management and Administration, Yüksek Lisans, 2019 - 2020

Network Security, Yüksek Lisans, 2018 - 2019

Network Security, Lisans, 2018 - 2019

Network Programming, Lisans, 2018 - 2019

Graduation Project, Lisans, 2019 - 2020

Web Design and Programming, Lisans, 2019 - 2020

Ağ Güvenliği, Yüksek Lisans, 2018 - 2019

Software Engineering, Lisans, 2018 - 2019

Computer Networks, Lisans, 2018 - 2019

Introduction to Programming, Lisans, 2017 - 2018

Higher Layer Network Protocols, Yüksek Lisans, 2018 - 2019

Object-oriented Programming, Lisans, 2017 - 2018

Software Engineering, Lisans, 2017 - 2018

Introduction to Algorithms and Programming, Lisans, 2017 - 2018

Jüri Üyelikleri

Tez Savunma (Yüksek Lisans), Tez Savunma (Yüksek Lisans), Adana Bilim Ve Teknoloji Üniversitesi, Mayıs, 2019

Tez Savunma (Yüksek Lisans), Tez Savunma (Yüksek Lisans), Çukurova Üniversitesi, Temmuz, 2018

Tez Savunma (Yüksek Lisans), Tez Savunma (Yüksek Lisans), Çukurova Üniversitesi, Haziran, 2018

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **FACEST: feedback-assisted estimation of end-to-end capacity in IP-based communication networks**
ABUT F.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.28, sa.4, ss.1803-1823, 2020
(SCI İndekslerine Giren Dergi)
- II. **mCoCoA: a machine learning-based congestion control for CoAP**
Demir A. K., ABUT F.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.28, sa.5, ss.2863-2882, 2020
(SCI İndekslerine Giren Dergi)
- III. **A robust ensemble feature selector based on rank aggregation for developing new VO(2)max prediction models using support vector machines**
Abut F., AKAY M. F., George J.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.27, sa.5, ss.3648-3664, 2019

(SCI İndekslerine Giren Dergi)

- IV. **A distributed measurement architecture for inferring TCP round-trip times through passive measurements**
Abut F.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.27, sa.3, ss.2106-2120, 2019
(SCI İndekslerine Giren Dergi)
- V. **Support vector machines for predicting the hamstring and quadriceps muscle strength of college-aged athletes**
AKAY M. F. , Abut F., Cetin E., Yarim I., Sow B.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.25, sa.4, ss.2567-2582, 2017
(SCI İndekslerine Giren Dergi)
- VI. **Developing new VO(2)max prediction models from maximal, submaximal and questionnaire variables using support vector machines combined with feature selection**
Abut F., AKAY M. F. , George J.
COMPUTERS IN BIOLOGY AND MEDICINE, cilt.79, ss.182-192, 2016 (SCI İndekslerine Giren Dergi)
- VII. **Identifying the discriminative predictors of upper body power of cross-country skiers using support vector machines combined with feature selection**
AKAY M. F. , Abut F., Ozciloglu M., Heil D.
NEURAL COMPUTING & APPLICATIONS, cilt.27, sa.6, ss.1785-1796, 2016 (SCI İndekslerine Giren Dergi)
- VIII. **Prediction of Upper Body Power of Cross-Country Skiers Using Support Vector Machines**
AKAY M. F. , Abut F., Daneshvar S., Heil D.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, cilt.40, sa.4, ss.1045-1055, 2015 (SCI İndekslerine Giren Dergi)
- IX. **PREDICTING THE PERFORMANCE MEASURES OF A 2-DIMENSIONAL MESSAGE PASSING MULTIPROCESSOR ARCHITECTURE BY USING MACHINE LEARNING METHODS**
AKAY M. F. , Acı Ç., Abut F.
NEURAL NETWORK WORLD, cilt.25, sa.3, ss.241-265, 2015 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Türkiye'de Mutluluk Düzeyini Etkileyen Faktörlerin Makine Öğrenme ve Nitelik Seçme Algoritmaları ile Belirlenmesi**
YILDIZ İ., ABUT F.
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, cilt.11, sa.1, ss.1-9, 2022 (Diğer Kurumların Hakemli Dergileri)
- II. **Developing an Automation System for Conflictual Returns Using Machine Learning**
KILIÇ E. M. , ALP M. N. , TUNÇ A. A. , ABUT F., AKAY M. F.
Cukurova University Journal of Natural and Applied Sciences, 2022 (Diğer Kurumların Hakemli Dergileri)
- III. **Developing Turkish sentiment analysis models using machine learning and e-commerce data**
DEMIRCAN M., SELLER A., ABUT F., AKAY M. F.
International Journal of Cognitive Computing in Engineering, cilt.2, ss.202-207, 2021 (Diğer Kurumların Hakemli Dergileri)
- IV. **C-Scripter: A Dynamic Call Center Scripting Application**
TARTUK M., NURDAĞ T. F. , ABUT F., AKAY M. F. , ERDEM S.
Eastern Anatolian Journal of Science, cilt.7, sa.1, ss.1-5, 2021 (Diğer Kurumların Hakemli Dergileri)
- V. **Autonomous Navigation in Search and Rescue Simulated Environment using Deep Reinforcement Learning**
ABDAH M., ABUT F., AKAY M. F.
Balkan Journal of Electrical and Computer Engineering, cilt.9, sa.2, ss.92-98, 2021 (Diğer Kurumların Hakemli Dergileri)

- VI. **Data-Driven Modelling and Prediction of CoAP Throughput in a Grid Network Topology**
Demir A. K., Abut F.
El-Cezeri Fen ve Mühendislik Dergisi, cilt.7, sa.1, ss.295-303, 2020 (Diğer Kurumların Hakemli Dergileri)
- VII. **User-level Performance Evaluation of VoIP under Different Background TCP Traffic Conditions in ns-2**
ABUT F.
European Journal of Science and Technology, cilt.16, ss.638-645, 2019 (Diğer Kurumların Hakemli Dergileri)
- VIII. **Comparison of CoAP and CoCoA Congestion Control Mechanisms in Grid Network Topologies**
DEMİR A. K., ABUT F.
Gümüşhane University Journal of Science and Technology Institute, ss.53-60, 2018 (Diğer Kurumların Hakemli Dergileri)
- IX. **Through the Diversity of Bandwidth-Related Metrics, Estimation Techniques and Tools: An Overview**
Abut F.
International Journal of Computer Network and Information Security, cilt.10, sa.8, ss.1-16, 2018 (Diğer Kurumların Hakemli Dergileri)
- X. **An Experimental Evaluation of Tools for Estimating Bandwidth-Related Metrics**
Abut F., Leischner M.
International Journal of Computer Network and Information Security, cilt.10, sa.8, ss.1-11, 2018 (Diğer Kurumların Hakemli Dergileri)
- XI. **Predicting Student's Pass/Fail Status in an Academic Course Using Deep Learning: A Case Study**
ABUT F., YÜKSEL M. C., AKAY M. F., DANESHVAR S.
International Journal of Scientific Research in Information Systems and Engineering, cilt.4, sa.1, ss.87-91, 2018 (Diğer Kurumların Hakemli Dergileri)
- XII. **New Regression Equations for Estimating the Maximal Oxygen Uptake of College of Physical Education and Sports Students in Turkey**
AKAY M. F., ABUT F., KAYA K., ÇETİN E., YARIM İ.
New Trends and Issues Proceedings on Humanities and Social Sciences, cilt.3, ss.11-17, 2017 (Diğer Kurumların Hakemli Dergileri)
- XIII. **A Survey on Applications of Statistical and Machine Learning Methods in Sport Physiology**
YÜKSEL M. C., ABUT F., AKAY M. F.
Austin Sports Medicine, cilt.2, sa.3, ss.1022-1027, 2017 (Diğer Kurumların Hakemli Dergileri)
- XIV. **Support Vector Machines with Individual Combinations of Relief-F and mRMR for Predicting VO₂max from Maximal and Questionnaire Data**
ABUT F., AKAY M. F., GEORGE J.
International Journal of Advances in Electronics and Computer Science, cilt.3, sa.10, ss.63-67, 2016 (Diğer Kurumların Hakemli Dergileri)
- XV. **New Regression Models for Predicting the Hamstring Muscle Strength Using Support Vector Machines**
BOUBACAR S., AKAY M. F., ABUT F., ÇETİN E., YARIM İ., ALAK H.
Çukurova University Journal of the Faculty of Engineering and Architecture, cilt.31, sa.2, ss.153-159, 2016 (Diğer Kurumların Hakemli Dergileri)
- XVI. **Short Term Voice Traffic Forecast in 3G/UMTS Networks using Machine Learning and Statistical Methods**
YASIN Y., AKAY M. F., ABUT F.
International Journal of Advances in Electronics and Computer Science, cilt.3, sa.10, ss.108-111, 2016 (Diğer Kurumların Hakemli Dergileri)
- XVII. **Machine learning and statistical methods for the prediction of maximal oxygen uptake: recent advances**
Abut F., AKAY M. F.
MEDICAL DEVICES-EVIDENCE AND RESEARCH, cilt.8, ss.369-379, 2015 (ESCI İndekslerine Giren Dergi)
- XVIII. **Towards a Generic Classification and Evaluation Scheme for Bandwidth Measurement Tools**

ABUT F.

Signals and Telecommunication Journal, cilt.1, sa.2, ss.78-88, 2012 (Diğer Kurumların Hakemli Dergileri)

Kitap & Kitap Bölümleri

- I. **Development of New Hybrid Models for Prediction of Maximal Oxygen Uptake Using Machine Learning Methods Combined with Feature Selection Algorithms**
ABUT F.
GRIN Verlag, Munich, 2021
- II. **Messen von Internet-Bandbreite. Metriken, Methoden und Tools**
ABUT F.
GRIN Verlag, Munich, 2010
- III. **Konzeption und Evaluierung einer verteilten Architektur zur passiven RTT-Messung**
ABUT F.
GRIN Verlag, Munich, 2008

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Developing an End-to-End Integrated Secure Mobile Payment System**
SARI A., DURMAZ E., HATUN E., GÜNEŞ T., NOMMAZ V., ABUT F., AKAY M. F., AYGÜN M. Ş.
3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021), Ankara, Türkiye, 15 Aralık 2021, ss.795-802
- II. **Information Extraction from Policy Documents Using Object Detection and Domain-Specific BERT**
KUZ B., KÜLLÜ Ö., ÖZTÜRK B., ABUT F., AKAY M. F.
3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021), Ankara, Türkiye, 15 Aralık 2021, ss.789-794
- III. **Simplifying and Speeding Up the Finding of Real Estate Listings for End-Users**
DURAN M. A., ŞAHİN A., ERBİLGİN D., TOSUN E., ABUT F., AKAY M. F.
6th Intl. Mediterranean Science and Engineering Congress, Antalya, Türkiye, 25 Ekim 2021, ss.657-660
- IV. **Forecasting the Average Call Handling Time in Call Centers Using Machine Learning Methods and Time Series Data**
AKAY M. F., ABUT F., ERDEM S., ÖNDER O., TURAN M., TARTUK M., NURDAĞ T. F.
6th Intl. Mediterranean Science and Engineering Congress, Antalya, Türkiye, 25 - 27 Ekim 2021, ss.644-646
- V. **Forecasting the System Marginal Price Using Long Short-Term Memory and Support Vector Machine**
AKAY M. F., ABUT F., BEDİR B., ERDOĞAN M., KANAR E.
6th Intl. Mediterranean Science and Engineering Congress, Antalya, Türkiye, 25 - 27 Ekim 2021, ss.628-633
- VI. **Improving the Shipment Management Using Shipment Approval Cockpit in the Order Process**
ÇİFTÇİ F. G., AYSOYSAL B., ABUT F., AKAY M. F.
6th Intl. Mediterranean Science and Engineering Congress, Antalya, Türkiye, 25 Ekim 2021, ss.652-655
- VII. **Development of Mobile Applications for Real Estate Businesses**
TOHUMCU D. G., ALBAYRAK B., ADIGÜZEL Y., EMRAH P., ABUT F., AKAY M. F.
6th Intl. Mediterranean Science and Engineering Congress, Antalya, Türkiye, 25 Ekim 2021, ss.419-423
- VIII. **Improving the Order Picking Process in Warehouse Systems Using Distance Matrix**
BAYRAKTAR E., KARACA A. R., ABUT F., AKAY M. F.
6th Intl. Mediterranean Science and Engineering Congress, Antalya, Türkiye, 25 Ekim 2021, ss.96-101
- IX. **Developing Customer Segmentation Models for Digital Marketing Campaigns using Machine Learning**
BALKAYA A., TÜZÜNKAN E., AYAZ K., AKÇAY Y., ABUT F., AKAY M. F., ERDEM S.
6th Intl. Mediterranean Science and Engineering Congress, Antalya, Türkiye, 25 Ekim 2021, ss.697-701
- X. **Loyalist365: A Loyalty Management Application**

ALAN E., HUNUTLU F., CESUR E., KAYHAN Ö., ABUT F., AKAY M. F. , ERDEM S.

4th International Conference on Life and Engineering Sciences, İstanbul, Türkiye, 23 Eylül 2021, ss.155-163

- XI. **Orchestra: A Warehouse Order Management System**
GÖRÜR F., HAMARAT E., ABUT F., AKAY M. F.
4th International Conference on Life and Engineering Sciences, İstanbul, Türkiye, 23 Eylül 2021, ss.148-154
- XII. **Akıllı Hat: A Call Measurement and Reporting Application**
CABBAR T., DEMİR Y., ADIGÜZEL Y., EMRAH P., ABUT F., AKAY M. F. , ERDEM S.
4th International Conference on Life and Engineering Sciences, İstanbul, Türkiye, 23 Eylül 2021, ss.172-179
- XIII. **Designing a Modern Gateway Device for Cloud Platforms**
KUVVET S., KILIÇ M. F. , KESKİN G., GÜNERİ H. İ. , ABUT F., AKAY M. F.
4th International Conference on Life and Engineering Sciences, İstanbul, Türkiye, 23 Eylül 2021, ss.123-132
- XIV. **Orion: A Supplier Capacity Planning Model**
GÖKAY O., AYYILDIZ Ö., ABUT F., AKAY M. F.
4th International Conference on Life and Engineering Sciences, İstanbul, Türkiye, 23 Eylül 2021, ss.140-147
- XV. **Replatforming and Online Renewal Project for Real Estate Businesses**
GÜLEÇ S., SONAT S., ADIGÜZEL Y., EMRAH P., ABUT F., AKAY M. F. , ERDEM S.
4th International Conference on Life and Engineering Sciences, İstanbul, Türkiye, 23 Eylül 2021, ss.133-139
- XVI. **DBTransporter: An Interoperable Application for Transferring Data Between Databases Running on Different Machines**
BEQIROVSKI F., KÖMÜRCÜ M. F. , ABUT F., AKAY M. F.
4th International Conference on Life and Engineering Sciences, İstanbul, Türkiye, 23 Eylül 2021, ss.164-171
- XVII. **Forecasting Arrivals to a Call Center Using Supervised Machine Learning**
AKAY M. F. , ABUT F., ERDEM S., TARTUK M., NURDAĞ T. F. , YURDAGÜL H. H.
International Conference on Interdisciplinary Applications of Artificial Intelligence (ICIDAAI-2021), Yalova, Türkiye, 21 - 23 Mayıs 2021, ss.170-173
- XVIII. **Developing an Identification Application for Overdress Products Using Convolutional Neural Networks**
Keskin M., Alp N., Cebeci S. E. , Beker F., ABUT F., AKAY M. F.
International Conference on Interdisciplinary Applications of Artificial Intelligence (ICIDAAI-2021), Yalova, Türkiye, 21 - 23 Mayıs 2021, ss.166-169
- XIX. **Fashion-Oriented Personalized Search Engine Development**
YALIN T. B. , SANLAV K., TUNÇ A. A. , ABUT F., AKAY M. F.
International Conference on Computational Mathematics and Engineering Sciences (CMES-2021), Van, Türkiye, 01 Mayıs 2021
- XX. **C-Archive: Kurumsal İçerik Yönetimi için Yeni Bir Uygulama**
UZUN O., TARTUK M., NURDAĞ F. T. , ABUT F., AKAY M. F. , ERDEM S.
5th International Mediterranean Science and Engineering Congress (IMSEC-2020), Antalya, Türkiye, 21 - 23 Ekim 2020, ss.140-143
- XXI. **Monetary Value Ordering Heuristic Approach for Cascade Hydropower Plants Dispatching with Downstream Requirements**
KAVAK A. F. , KORKMAZ O., ÇİMEN E. B. , ABUT F., AKAY M. F. , ERDEM S.
5th International Mediterranean Science and Engineering Congress (IMSEC-2020), Antalya, Türkiye, 21 - 23 Ekim 2020, ss.320-328
- XXII. **A Recent Survey of Studies on Wind Power Forecasting Using Statistical and Machine Learning Methods**
DEMİRKAN O., ABUT F., AKAY M. F. , ERDEM S., AKAR Ö.
5th International Mediterranean Science and Engineering Congress (IMSEC-2020), Antalya, Türkiye, 21 - 23 Ekim 2020, ss.263-267
- XXIII. **VIVID: A New Virtual Assistant for People with Visual Impairments**
AYANA Ö., ABUT F.
5th International Mediterranean Science and Engineering Congress (IMSEC-2020), Antalya, Türkiye, 21 - 23 Ekim

2020, ss.159-164

- XXIV. **Designing a New IoT Modem with Low Power Consumption and 4G LTE Support**
KUVVET S., ABUT F., AKAY M. F., ERDEM S., KILIÇ M. F.
5th International Mediterranean Science and Engineering Congress (IMSEC-2020), Antalya, Türkiye, 21 - 23 Ekim 2020, ss.165-169
- XXV. **Effects of Interrupt Coalescence on Estimation of Available Bandwidth Using Single-End Active Probing**
ABUT F.
Intl. Symposium on Engineering, Artificial Intelligence and Applications (ISEAIA-19), Girne, Kıbrıs (Kkct), 6 - 08 Mart 2019, ss.33-34
- XXVI. **Data-Driven Modelling and Prediction of CoAP Throughput in a Grid Network Topology**
DEMİR A. K., ABUT F.
Cilicia Intl. Symposium on Engineering and Technology (CISSET-18), Mersin, Türkiye, 24 - 27 Ekim 2018, ss.69-73
- XXVII. **On Active Estimation of End-to-End Capacity: A Comparison**
ABUT F.
Intl. Conference on Life and Engineering Sciences (ICOLES-18), Girne, Kıbrıs (Kkct), 2 - 04 Eylül 2018, ss.37-42
- XXVIII. **An Experimental Study for Estimating End-To-End Available Bandwidth in a Controlled Testbed Environment**
ABUT F., DEMİR A. K.
Intl. Conference on Computational Mathematics and Engineering Sciences (CMES-18), Girne, Kıbrıs (Kkct), 4 - 06 Mayıs 2018, ss.142
- XXIX. **Comparison of CoAP and CoCoA Congestion Control Mechanisms in Grid Network Topologies**
DEMİR A. K., ABUT F.
Intl. Conference on Computational Mathematics and Engineering Sciences (CMES-18), Girne, Kıbrıs (Kkct), 4 - 06 Mayıs 2018, ss.141
- XXX. **Predicting students pass/fail status in an academic course using deep learning: A case study**
ABUT F., YÜKSEL M. C., AKAY M. F., DANESHVAR S.
Intl. Symposium on Engineering, Artificial Intelligence Applications (ISEAIA-17), Girne, Kıbrıs (Kkct), 1 - 03 Kasım 2017, ss.189-194
- XXXI. **Artificial Neural Networks for Predicting the Racing Time of Cross-Country Skiers From Survey-Based Data**
ABUT F., AKAY M. F., DANESHVAR S., HEIL D.
IEEE 9th International Conference on Computational Intelligence and Communication Networks (CICN-17), Girne, Kıbrıs (Kkct), 16 - 17 Eylül 2017, ss.117-121
- XXXII. **Predicting the Maximum Endurance Time for Left-Side Bridge Exercise Using Machine Learning Methods and Hybrid Data**
AKAY M. F., Yuksel M. C., Abut F., Tas F. M., George J.
9th International Conference on Computational Intelligence and Communication Networks (CICN), Girne, Kıbrıs (Kkct), 16 - 17 Eylül 2017, ss.210-214
- XXXIII. **New Regression Equations for Estimating the Maximal Oxygen Uptake of College of Physical Education and Sports Students in Turkey**
AKAY M. F., Abut F., Kaya K., ÇETİN E., YARIM İ.
5th Cyprus International Conference on Educational Research (CYICER), Kyrenia, CYPRUS, 31 Mart - 02 Nisan 2016, cilt.3, ss.11-17
- XXXIV. **Artificial Neural Networks for Predicting the Racing Time of Cross-Country Skiers from Survey-Based Data**
Abut F., AKAY M. F., Daneshvar S., Heil D.
9th International Conference on Computational Intelligence and Communication Networks (CICN), Girne, Kıbrıs (Kkct), 16 - 17 Eylül 2017, ss.117-121
- XXXV. **Short Term Voice Traffic Forecast in 3G/UMTS Networks using Machine Learning and Statistical Methods**

YUR Y., AKAY M. F., ABUT F.

Intl. Conference on Artificial Intelligence and Soft Computing (ICAISC-16), Barcelona, İspanya, 18 - 19 Ağustos 2016, ss.19-22

XXXVI. Support Vector Machines with Individual Combinations of Relief-F And mRMR for Predicting VO2max from Maximal and Questionnaire Data

ABUT F., AKAY M. F., GEORGE J.

Intl. Conference on Artificial Intelligence and Soft Computing (ICAISC-16), Barcelona, İspanya, 17 - 18 Ağustos 2016, ss.9-13

XXXVII. New Regression Equations for Estimating the Maximal Oxygen Uptake of College of Physical Education and Sports Students in Turkey

AKAY M. F., ÇETİN E., YARIM İ., ABUT F., KAYA K.

5th Cyprus International Conference on Educational Research, Girne, Kıbrıs (Kkct), 31 Mart - 02 Nisan 2016, ss.164

XXXVIII. Predicting the Resonant Frequency and Q-Factor of Cylindrical Dielectric Resonators with Whispering Gallery Modes Using Tree-Structured Regression Methods

ABUT F., AKAY M. F.

Intl. Conference on Natural Science and Engineering (ICNASE-16), Kilis, Türkiye, 19 - 20 Mart 2016, ss.170-176

XXXIX. Data-driven Prediction of VO2max Based on Maximal and Submaximal Variables Using Support Vector Machines Combined with Feature Selection

ABUT F., AKAY M. F., GEORGE J.

3rd International Symposium on Engineering, Artificial Intelligence and Applications (ISEAIA-15), Girne, Kıbrıs (Kkct), 4 - 06 Kasım 2015, ss.10-11

XL. Support Vector Machines for Prediction of Endurance Times Involving Isometric Side Bridge Exercise Test

ABUT F., AKAY M. F., BOUBACAR S., GEORGE J.

Intl. Symposium on Engineering, Artificial Intelligence and Applications (ISEAIA-15), Girne, Kıbrıs (Kkct), 4 - 06 Kasım 2015, ss.7-9

XLI. Performance Comparison of Different Machine Learning Methods for Prediction of Maximal Oxygen Uptake from Submaximal Data

ABUT F., AKAY M. F., YILDIZ İ., GEORGE J.

8th Engineering and Technology Symposium (ETS-15), Ankara, Türkiye, 14 - 15 Mayıs 2015, ss.367-370

XLII. Predicting the Processor and Channel Utilization of a 2-Dimensional Multiprocessor Architecture by Using Support Vector Regression Combined with Feature Selection

AKAY M. F., ABUT F., ACI Ç., YILDIZ İ.

8th Engineering and Technology Symposium (ETS-15), Ankara, Türkiye, 14 - 15 Mayıs 2015, ss.395-399

XLIII. Performance Evaluation of Different Classifiers to Predict the Admission Decision of a Candidate to the School of Physical Education and Sports at Cukurova University

ABUT F., AKAY M. F., TURHAN İ., ÖZSERT G.

Intl. Symposium on Sport Science, Engineering and Technology (ISSSET-15), İstanbul, Türkiye, 10 - 13 Mayıs 2015, ss.178-184

XLIV. Development of New Hybrid Models for Prediction of Maximal Oxygen Uptake Using Machine Learning Methods Combined with Feature Selection

ABUT F., AKAY M. F., GEORGE J.

Intl. Symposium on Sport Science, Engineering and Technology (ISSSET-15), İstanbul, Türkiye, 10 - 13 Mayıs 2015, ss.163-170

XLV. Investigating the Effects of Body Mass Index and Location Variables on the Prediction of Maximal Oxygen Uptake Using Support Vector Machines

ABUT F., GENÇ E., AKAY M. F., GEORGE J.

Intl. Symposium on Sport Science, Engineering and Technology (ISSSET-15), İstanbul, Türkiye, 10 - 13 Mayıs 2015, ss.54-61

XLVI. Feature Selection for Prediction of Upper Body Power of Cross-Country Skiers Using Different

Machine Learning Methods

ÖZÇİLOĞLU M. M. , ABUT F., AKAY M. F. , HEIL D.

Intl. Symposium on Sport Science, Engineering and Technology (ISSSET-15), İstanbul, Türkiye, 10 - 13 Mayıs 2015, ss.82-89

XLVII. Determination of the Variables Affecting the Maximal Oxygen Uptake of Cross-Country Skiers by Using Machine Learning and Feature Selection Algorithms

Abut F., AKAY M. F.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Türkiye, 16 - 19 Mayıs 2015, ss.156-159

XLVIII. Development of New Upper Body Power Prediction Models for Cross-Country Skiers by Using Different Machine Learning Methods

Daneshvar S., Abut F., Yıldız I., AKAY M. F.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Türkiye, 16 - 19 Mayıs 2015, ss.260-263

XLIX. Investigating the Effects of Maximum Oxygen Uptake and Maximum Heart Rate Variables on the Prediction of Upper Body Power of Cross-Country Skiers Using Support Vector Machines

AKAY M. F. , ABUT F., ŞANLI T. E. , HEIL D.

2nd Intl. Symposium on Engineering, Artificial Intelligence and Applications, Girne, Kıbrıs (Kkct), 5 - 07 Kasım 2014, ss.8-9

L. Using support vector machines to predict maximal oxygen uptake with the help of questionnaire variables

AKAY M. F. , ABUT F., GEORGE J.

Intl. Symposium on Engineering, Artificial Intelligence and Applications (ISEAIA-14), Girne, Kıbrıs (Kkct), 5 - 07 Kasım 2014, ss.5-6

LI. Using Cross-Layer Design to detect Jamming Attacks in the CoNSIS Scenario

Dennisen D., Abut F., Glaesel D., Bogenfeld J., Barz C., Aktas I., Wehrle K., Sevenich P.

Military Communications and Information Systems Conference (MCC), Saint-Lo, Fransa, 7 - 09 Ekim 2013

LII. The CoNSIS Approaches to Network Management and Monitoring

BARZ C., DIEFENBACH A., ABUT F., WILMES M., SEVENICH P., SIMON P., BRET N.

IEEE 14th Military Communications and Information Systems Conference (MCC-12), Gdansk, Polonya, 8 - 09 Ekim 2012, ss.161-178

LIII. Towards a Generic Classification and Evaluation Scheme for Bandwidth Measurement Tools

ABUT F.

IEEE International Conference on Computer-Related Knowledge, Sousse, Tunus, 5 - 07 Temmuz 2012, ss.14

Desteklenen Projeler

ABUT F., Çetin U. A. , Yükseköğretim Kurumları Destekli Proje, Makine Öğrenmesi ve Nitelik Seçme Yöntemleriyle COVID-19 Tahmini, 2021 - Devam Ediyor

Abut F., Yükseköğretim Kurumları Destekli Proje, Mesaj Paketleme Yapılarının Dinamik Seçimi ile Link 16 Ağlarının Simülatif Modellemesi, 2020 - 2021

Abut F., Demir A. K. , Yükseköğretim Kurumları Destekli Proje, IP Tabanlı Yüksek Hızlı Ağlarda Geri Beslemeli Maksimum Veri Transfer Hızı Tahmini, 2018 - 2019

Abut F., Yıldız I., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, "Küçük Mucitler, Büyük İcatlar" Sosyal Destek (SODES) Projesi, 2017 - 2019

Akay M. F. , Abut F., Çetin E., Yarım İ., Yükseköğretim Kurumları Destekli Proje, Ülkemiz Sporcuları için Yapay Zeka ve İstatistiksel Yöntemler Kullanılarak Maksimum Oksijen Tüketimi (VO2max) Tahmin Modellerinin Geliştirilmesi, 2016 - 2019

Pehlivanoglu G., Abut F., Yurtcan Y., Gökcan B., Savunma Sanayi Başkanlığı Destekli Proje, KEMENT (Data Link Network Design and Implementation), 2016 - 2017

Pehlivanoglu G., Abut F., Yurtcan Y., Savunma Sanayi Başkanlığı Destekli Proje, GEZGİN (Intercontinental Missile), 2016 - 2017

Akın B., Abut F., Yurtcan Y., Gökcan B., Savunma Sanayi Başkanlığı Destekli Proje, SOM-J (Stand-Off Missile / Network Enabled Weapons), 2015 - 2017

Sevenich P., Abut F., Barz C., NATO Destekli Araştırma Projesi, Protected Core Networking - Concepts and Challenges, 2013 - 2014

Sevenich P., Abut F., Barz C., Rogge H., Dahlberg D., AB Destekli Diğer Projeler, Community Networks Testbed for the Future Internet (CONFINE), 2012 - 2014

Sevenich P., Abut F., Barz C., Dahlberg D., Diefenbach A., Wilmes M., Diğer Ülkelerdeki Kamu Kurumları Tarafından Desteklenmiş Proje, Coalition Networks for Secure Information Sharing (CoNSIS), 2011 - 2014

Bilimsel Hakemlikler

TÜBİTAK Projesi, 1507 - TÜBİTAK KOBİ Ar-Ge Başlangıç Destek Programı, CODELAB TEKNOLOJİ VE DANIŞMANLIK ANONİM ŞİRKETİ, Türkiye, Kasım 2020

TÜBİTAK Projesi, 1501 - Sanayi Ar-Ge Projeleri Destekleme Programı, KOBİL BİLGİSAYAR ENERJİ VE ELEKTRİK SİSTEMLERİ SAN. TİC. LTD. ŞTİ., Türkiye, Kasım 2020

TÜBİTAK Projesi, 1507 - TÜBİTAK KOBİ Ar-Ge Başlangıç Destek Programı, NEW SENSES UZAY TEKNOLOJİ VE SAĞLIK ARAŞTIRMALARI ANONİM ŞİRKETİ, Türkiye, Mayıs 2020

IEEE NETWORK, SCI Kapsamındaki Dergi, Mayıs 2018

INTERNATIONAL JOURNAL OF NETWORK MANAGEMENT, SCI-E Kapsamındaki Dergi, Kasım 2016

JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, SCI-E Kapsamındaki Dergi, Temmuz 2016

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, SCI-E Kapsamındaki Dergi, Nisan 2016

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, SCI-E Kapsamındaki Dergi, Mart 2016

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, SCI-E Kapsamındaki Dergi, Aralık 2015

Kongre ve Sempozyum Katılımı Faaliyetleri

International Symposium on Engineering, Artificial Intelligence and Applications, Katılımcı, Girne, Kıbrıs (Kktc), 2019

International Conference on Computational Mathematics and Engineering Sciences, Katılımcı, Girne, Kıbrıs (Kktc), 2018

International Conference on Artificial Intelligence and Soft Computing, Katılımcı, Barcelona, İspanya, 2018

IEEE International Conference on Computational Intelligence and Communication Networks, Katılımcı, Girne, Kıbrıs (Kktc), 2017

SOM-J Project Meeting (TÜBİTAK SAGE), Katılımcı, Kocaeli, Türkiye, 2017

International Data Link Symposium, Katılımcı, Maastricht, Hollanda, 2016

International Conference on Natural Science and Engineering, Katılımcı, Kilis, Türkiye, 2016

International Symposium on Engineering, Artificial Intelligence and Applications, Katılımcı, Girne, Kıbrıs (Kktc), 2015

IEEE Signal Processing and Communications Applications Conference, Katılımcı, Malatya, Türkiye, 2015

International Symposium on Sport Science, Engineering and Technology, Katılımcı, İstanbul, Türkiye, 2015

International Symposium on Engineering, Artificial Intelligence and Applications, Katılımcı, Girne, Kıbrıs (Kktc), 2014

IEEE Military Communications and Information Systems Conference, Katılımcı, Bretagne, Fransa, 2013

IEEE Military Communications and Information Systems Conference, Katılımcı, Gdansk, Polonya, 2012

CoNSIS Project Meeting (Fraunhofer FKIE), Katılımcı, Munich, Almanya, 2012

CoNSIS Project Meeting (Fraunhofer FKIE), Katılımcı, Munich, Almanya, 2012

CoNSIS Project Meeting (Fraunhofer FKIE), Katılımcı, Aix-En-Provence, Fransa, 2011

Atıflar

Toplam Atıf Sayısı (WOS):52

h-indeksi (WOS):5

Ödüller

Abut F., Ph.D. graduation in Computer Engineering with excellence (three years), Çukurova University, Mayıs 2017

Abut F., M.Sc. graduation in Computer Science with excellence, Fachhochschule Bonn Rhein Sieg, Eylül 2010

Abut F., Bachelor graduation in Computer Science with honours, Fachhochschule Bonn Rhein Sieg, Eylül 2008

Abut F., Class Rank #1 (with another student) among the graduates, Georg-Simon-Ohm Technical College, Ağustos 2005

Akademi Dışı Deneyim

Şirket, Nano Bilgisayar ve İletişim Hiz. San. ve Tic. Ltd., Tümüleşik Bulut Santral Projesi

Şirket, Hızlı Bilişim Teknolojileri AŞ, Web Tabanlı Yeni Nesil E-Dönüşüm Portalı

Şirket, Kent Yazılım Bilişim ve İletişim Teknolojileri San. Tic. Ltd. Şti., Bulut Tabanlı, E-Devlet Servislerine Entegreli, Yeni Nesil Belediye Otomasyon Yazılımının Geliştirilmesi

Diğer Kamu Kurumu, TÜBİTAK Savunma Sanayii Araştırma ve Geliştirme Enstitüsü SAGE, Yazılım Birimi

Kamu Kurumu, Fraunhofer Institute for Communication, Information Processing and Ergonomics FKIE, Department of Communication Systems