

Assoc. Prof. BAHA ŐEN

Personal Information

Office Phone: [+90 906 231 9](tel:+909062319)

Fax Phone: [+90 906 295 5](tel:+909062955)

Other Email: bsen@aybu.edu.tr

Web: <https://avesis.aybu.edu.tr/bsen>

Address: Ankara Yıldırım Beyazıt University Faculty of Engineering & Natural Sciences Department of Computer Engineering
Ayvalı Mh. Takdir Cad.150 Sk. No:5 Pk:06010 Etlık-Keçiören / ANKARA

International Researcher IDs

ORCID: 0000-0003-3577-2548

Publons / Web Of Science ResearcherID: A-4474-2016

Yoksis Researcher ID: 25543

Education Information

Doctorate, Gazi University, Graduate School Of Natural And Applied Sciences, Computer Systems, Turkey 1999 - 2006

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Elektronik Bilgisayar Eğitimi (YI) (Tezli), Turkey 1996 - 1998

Undergraduate, Gazi University, Teknik Eğitim Fakültesi, Elektronik Ve Bilgisayar Eğitimi Bölümü, Turkey 1992 - 1996

Dissertations

Doctorate, Üç boyutlu sanal şehirler için zeki bir platformun sayısal coğrafik haritalar üzerinde geliştirilmesi, Gazi Üniversitesi, 2006

Postgraduate, Yüksek performanslı bir desen haritalama algoritmasının geliştirilmesi, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Elektronik Bilgisayar Eğitimi (YI) (Tezli), 1998

Research Areas

Computer Sciences, Information System Reliability, Cryptography, Software Security, Computer Networks, Communications and Network Protocols, Computer Graphics, Computer Vision, Computer Vision, bioinformatics, Information Storage and Retrieval, Data Representation and Storage, Data Compression, Data Structures, Database Systems, Artificial Intelligence, Computer Learning and Pattern Recognition, Knowledge Engineering, Computer Learning, Evolutionary Computing, Human Computer Interaction, Pattern Recognition and Image Processing, Neural Networks, Software, Operating Systems, Programming Languages, Software Engineering, Soft Computing

Academic Titles / Tasks

Associate Professor, Ankara Yıldırım Beyazıt University, Mühendislik ve Doğa Bilimleri Fakültesi, Bilgisayar Mühendisliği, 2018 - Continues

Assistant Professor, Ankara Yıldırım Beyazıt University, Mühendislik ve Doğa Bilimleri Fakültesi, Bilgisayar Mühendisliği, 2012 - 2018

Assistant Professor, Karabük University, Faculty of Engineering, Computer Engineering, 2008 - 2012

Academic and Administrative Experience

Manager of Research and Application Center, Ankara Yildirim Beyazit University, Rektörlük Merkezi, Distance Education Center, 2013 - 2014

Head of Department, Ankara Yildirim Beyazit University, Rektörlük Merkezi, IT Department, 2012 - 2014

Manager of Research and Application Center, Karabuk University, Uzaktan Eğitim Uygulama ve Araştırma Merkezi, Distance Education Application and Research Center, 2009 - 2011

Head of Department, Karabuk University, Faculty of Engineering, Computer Engineering, 2009 - 2011

Head of Department, Karabuk University, Faculty of Engineering, Computer Engineering, 2009 - 2011

Deputy Head of Department, Karabuk University, Faculty of Engineering, Computer Engineering, 2008 - 2009

Courses

ADVANCED DATA MINING, Doctorate, 2022 - 2023

SOFTWARE ENGINEERING, Undergraduate, 2022 - 2023

SPECIAL TOPICS-I, Undergraduate, 2022 - 2023

CENG550-ADVANCED GPU COMPUTING WITH CUDA, Doctorate, 2017 - 2018, 2016 - 2017

CENG550-ADVANCED GPU COMPUTING WITH CUDA, Postgraduate, 2017 - 2018

CENG401-GRADUATION PROJECT 1 (İO), Undergraduate, 2017 - 2018

CENG401-GRADUATION PROJECT 1, Undergraduate, 2017 - 2018

CENG550-ADVANCED GPU COMPUTING WITH CUDA, Postgraduate, 2017 - 2018, 2016 - 2017

EB505-GRAFİK İŞLEMCİ İLE PARALEL HESAPLAMA, Postgraduate, 2016 - 2017

Advising Theses

Şen B., Simulation of Airborne and UAV Remote Sensing Data with Computer Graphics Tools, Postgraduate, E.TSUJIMOTO(Student), 2021

Şen B., A robust deep-learning-based detector for Pre-miRNA classification, Doctorate, A.TAŞDELEN(Student), 2021

Çankaya İ., Şen B., Forensic Analysis of Social Network Applications on Smartphones, Postgraduate, Z.UYSAL(Student), 2021

ŞEN B., A Robust Deep-learning-based Detector for Pre-miRNA Classification, Doctorate, A.TAŞDELEN(Student), 2021

Şen B., Automated diagnostic tool for hypertension using deep learning model, Postgraduate, T.YILMAZ(Student), 2021

Şen B., HYBRID INTELLIGENT CLASSIFICATION TECHNIQUE FOR HIGH-RESOLUTION SAR (SYNTHETIC APERTURE RADAR) IMAGES, Doctorate, R.YAYLA(Student), 2020

Şen B., SAR Image Despeckling Using Convolutional Neural Networks, Postgraduate, Y.ŞEVKİ(Student), 2019

Şen B., Speckle Reduction in SAR Images Using Non-local Means Filter and Variational Framework, Postgraduate, Ş.GİRAY(Student), 2019

Şen B., Advanced pan sharp techniques with CUDA, Postgraduate, A.KAŞKAYA(Student), 2019

ŞEN B., Advanced Pan Sharp Techniques with CUDA, Postgraduate, A.KAŞKAYA(Student), 2019

Şen B., Increasing Air Traffic Control (ATC) Efficiency with Integrated Human Machine Interface, Postgraduate, B.TUZLUPINAR(Student), 2019

Şen B., High Performance Automated Diagnosis System for Hypertensive Retinopathy, Postgraduate, Z.AKÇA(Student), 2017

Şen B., Benzetlenmiş tavlama algoritmasının grafik işlemci ünitesi kullanılarak paralelleştirilmesi, Doctorate, E.SONUÇ(Student), 2017

Şen B., Nar F., Scattered data estimation on medical data for cranioplasty applications, Doctorate, F.Atasoy(Student), 2017

Şen B., Keratokonus hastalığının yapay zekâ teknikleriyle teşhis edilmesi, Doctorate, M.UÇAR(Student), 2016

Şen B., Grid tipi veriler üzerinde kullanıcı tanımlı işlem yapabilen dinamik bir modül tasarımı, Doctorate,

R.KILINÇ(Student), 2015

Şen B., Nar F., SAR image despeckling by using non-local means and mixed norms, Doctorate, C.Özcan(Student), 2015

Şen B., Automated Grading and Diagnosis System for Evaluation of Dry Eye Disease, Postgraduate, A.ARSLAN(Student), 2015

Şen B., EEG sinyallerinden anomali tespiti, Doctorate, M.PEKER(Student), 2014

Şen B., Veri madenciliği teknikleri ile bilgisayar ağlarında anomali tespiti, Postgraduate, İ.BUDAK(Student), 2013

Şen B., Ortaöğretime Geçiş Sistemi (OGES) yerleştirme puanlarının uzman sistemler ile tahmini, Doctorate, E.UÇAR(Student), 2013

Şen B., Yenilenebilir enerji kaynağı olarak kullanılacak bir egzersiz bisikleti için fiziksel aktivite monitörü tasarımı, Postgraduate, K.DURAKLAR(Student), 2013

Şen B., Biyokimya ve hemogram laboratuvar test sonuçlarının lojistik regresyon yöntemiyle analizi, Postgraduate, K.AKYOL(Student), 2012

Şen B., Uzman sistem kullanılarak tanıtılan figürlerin öğretimini sağlayan yazılım tasarımı, Postgraduate, A.KETHUDAOĞLU(Student), 2012

Şen B., REGCM4 bölgesel iklim modeli verilerinin verifikasyonu, Postgraduate, E.SONUÇ(Student), 2012

Şen B., Standart tarayıcılarla web tabanlı optik okuma sistemi, Postgraduate, F.AYDEMİR(Student), 2012

Şen B., Kümeleme metoduyla sanal sınıf uygulamalarındaki performans artışının değerlendirilmesi, Postgraduate, O.MENEMENCİOĞLU(Student), 2011

Şen B., Kullanıcı direktifli rastgele arazi yüzeylerinin kolay ve hızlı üretimi, Postgraduate, S.EROĞLU(Student), 2011

Şen B., GRIB türü meteorolojik dosyalardan elde edilen verilerin istasyonel verilerle verifikasyonu için bir uzman sistem geliştirilmesi, Postgraduate, N.AYDIN(Student), 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An Approach Using in Communication Network Apply in Healthcare System Based on the Deep Learning Autoencoder Classification Optimization Metaheuristic Method**
Gergerli B., ÇELEBİ F. V., Rahebi J., ŞEN B.
Wireless Personal Communications, 2023 (SCI-Expanded)
- II. **New Optimized Deep Learning Application for COVID-19 Detection in Chest X-ray Images**
Karim A. M., KAYA H., Alcan V., ŞEN B., Hadimlioglu I. A.
Symmetry, vol.14, no.5, 2022 (SCI-Expanded)
- III. **Automatic Detection of Covid-19 with Bidirectional LSTM Network Using Deep Features Extracted from Chest X-ray Images**
Akyol K., ŞEN B.
Interdisciplinary Sciences: Computational Life Sciences, vol.14, no.1, pp.89-100, 2022 (SCI-Expanded)
- IV. **A hybrid CNN-LSTM model for pre-miRNA classification**
Tasdelen A., Şen B.
Scientific Reports, vol.11, no.1, 2021 (SCI-Expanded)
- V. **Modeling and predicting of news popularity in social media sources**
Akyol K., ŞEN B.
Computers, Materials and Continua, vol.61, no.1, pp.69-80, 2019 (SCI-Expanded)
- VI. **An Automated Grading and Diagnosis System for Evaluation of Dry Eye Syndrome**
Bagbaba A., Sen B., Delen D., Uysal B. S.
Journal of Medical Systems, vol.42, no.11, 2018 (SCI-Expanded)
- VII. **A NEW FUZZY LOGIC BASED CAREER GUIDANCE SYSTEM: WEB-CGS**
PEKER M., GÜRÜLER H., ŞEN B., İSTANBULLU A.
TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.24, no.6, pp.1863-1868, 2017 (SCI-Expanded)
- VIII. **A statistical approach to classification of keratoconus**
Ucar M., Cakmak H. B., ŞEN B.
INTERNATIONAL JOURNAL OF OPHTHALMOLOGY, vol.9, no.9, pp.1355-1357, 2016 (SCI-Expanded)

- IX. **Automatic Detection of Optic Disc in Retinal Image by Using Keypoint Detection, Texture Analysis, and Visual Dictionary Techniques**
Akyol K., ŞEN B., BAYIR Ş.
COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE, 2016 (SCI-Expanded)
- X. **A Novel Method for Automated Diagnosis of Epilepsy Using Complex-Valued Classifiers**
Peker M., ŞEN B., Delen D.
IEEE JOURNAL OF BIOMEDICAL AND HEALTH INFORMATICS, vol.20, no.1, pp.108-118, 2016 (SCI-Expanded)
- XI. **Supporting the diagnosis process and processes after treatment by using image segmentation and image simulation techniques: Keratoconus example**
KAYA H., Cavusoglu A., Cakmak H. B., ŞEN B., Delen D.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.31, no.3, pp.738-748, 2016 (SCI-Expanded)
- XII. **Computer-Aided Diagnosis of Parkinson's Disease Using Complex-Valued Neural Networks and mRMR Feature Selection Algorithm**
Peker M., ŞEN B., Delen D.
JOURNAL OF HEALTHCARE ENGINEERING, vol.6, no.3, pp.281-302, 2015 (SCI-Expanded)
- XIII. **Rapid Automated Classification of Anesthetic Depth Levels using GPU Based Parallelization of Neural Networks**
Peker M., ŞEN B., GÜRÜLER H.
JOURNAL OF MEDICAL SYSTEMS, vol.39, no.2, 2015 (SCI-Expanded)
- XIV. **A Comparative Study on Classification of Sleep Stage Based on EEG Signals Using Feature Selection and Classification Algorithms**
ŞEN B., Peker M., Cavusoglu A., Celebi F. V.
JOURNAL OF MEDICAL SYSTEMS, vol.38, no.3, 2014 (SCI-Expanded)
- XV. **VALIDATION OF DAILY PRECIPITATION ESTIMATES OF THE REGIONAL CLIMATE MODEL REGCM4 OVER THE DOMAINS IN TURKEY WITH NWP VERIFICATION TECHNIQUES**
Sen B., Kilinc R., ŞEN B., SONUÇ E.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, pp.1892-1903, 2014 (SCI-Expanded)
- XVI. **An efficient solving of the traveling salesman problem: the ant colony system having parameters optimized by the Taguchi method**
Peker M., ŞEN B., YILDIZ KUMRU P.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.21, pp.2015-2036, 2013 (SCI-Expanded)
- XVII. **Novel approaches for automated epileptic diagnosis using FCBF selection and classification algorithms**
ŞEN B., Peker M.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.21, pp.2092-2109, 2013 (SCI-Expanded)
- XVIII. **Predicting and analyzing secondary education placement-test scores: A data mining approach**
ŞEN B., Ucar E., Delen D.
EXPERT SYSTEMS WITH APPLICATIONS, vol.39, no.10, pp.9468-9476, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Extreme Learning Machine Algorithm in Sentiment Analysis and Its Applications: Systematic Literature Review**
ERDOĞAN R., ŞEN B.
Journal of Information and Communication Technologies, vol.4, no.2, pp.247-259, 2022 (Peer-Reviewed Journal)
- II. **Fusing Census and MC-CNN Cost Volumes for Stereo Matching**
KIVANÇ Ş. G., ŞEN B., OK A. Ö., NAR F.

Baltic Journal of Modern Computing, vol.10, no.2, pp.251-265, 2022 (Scopus)

- III. **Keypoint detectors and texture analysis based comprehensive comparison in different color spaces for automatic detection of the optic disc in retinal fundus images**
Akyol K., ŞEN B.
SN Applied Sciences, vol.3, no.9, 2021 (ESCI)
- IV. **Forensic Analysis of WhatsApp Messenger on iOS Smartphones**
UYSAL Z., ÇANKAYA İ., ŞEN B.
International Journal of Computer Sciences and Engineering, vol.8, no.9, pp.1-10, 2020 (Peer-Reviewed Journal)
- V. **Importance of Attribute Selection for Parkinson Disease**
AKYOL K., BAYIR Ş., ŞEN B.
Academic Platform Journal of Engineering and Science, vol.8, no.1, pp.175-180, 2020 (Peer-Reviewed Journal)
- VI. **Diabetes Mellitus Data Classification by Cascading of Feature Selection Methods and Ensemble Learning Algorithms**
AKYOL K., ŞEN B.
International Journal of Modern Education and Computer Science, vol.10, no.6, pp.10-16, 2018 (Scopus)
- VII. **A Study on Analysis of Cardiovascular Diseases**
AKYOL K., ŞEN B.
JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES, vol.10, no.2, pp.277-292, 2018 (Peer-Reviewed Journal)
- VIII. **A Decision Support System for Early-Stage Diabetic Retinopathy Lesions**
AKYOL K., BAYIR Ş., ŞEN B.
INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, vol.8, no.12, pp.369-379, 2017 (ESCI)
- IX. **Improvement of Radial basis Function Interpolation Performance on Cranial Implant Design**
Atasoy F., Şen B., Nar F., Bozkurt İ.
INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, vol.8, no.8, pp.83-88, 2017 (ESCI)
- X. **Solving Bin Packing Problem Using Simulated Annealing**
SONUÇ E., ŞEN B., BAYIR Ş.
International Journal of Mechanical and Production Engineering, vol.5, no.3, pp.21-23, 2017 (Peer-Reviewed Journal)
- XI. **A Parallel Approach for Solving 0/1 Knapsack Problem using Simulated Annealing Algorithm on CUDA Platform**
SONUÇ E., ŞEN B., BAYIR Ş.
INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND INFORMATION SECURITY, vol.14, no.12, pp.1096-1101, 2016 (ESCI)
- XII. **Detection Of Hard Exudates in Diabetic Retinopathy Retinal Images By Utilizing Visual Dictionary And Classifier Approaches**
AKYOL K., BAYIR Ş., ŞEN B.
Mugla Journal of Science and Technology, vol.2, no.1, pp.1-6, 2016 (Peer-Reviewed Journal)
- XIII. **The Medical Module For Disaster Information Systems**
ÇALIK E., KAYA H., Akyol K., ŞEN B., ÇELEBİ F. V., ATİLLA R.
International Journal of Advances in Computer Science and Its Applications, vol.5, no.2, pp.203-206, 2015 (Peer-Reviewed Journal)
- XIV. **i EEG A Software Tool for EEG Feature Extraction Feature Selection and Classification**
ŞEN B., PEKER M., BUT A.
Social GAU Journal & Applied Sciences, vol.6, no.10, pp.43-60, 2014 (Peer-Reviewed Journal)
- XV. **Cropped Quad Tree Based Solid Object Colouring With CUDA**
ÇAVUŞOĞLU A., ŞEN B., ÖZCAN C., GÖRGÜNOĞLU S.
Mathematical Applications, vol.18, no.3, pp.301-312, 2013 (Peer-Reviewed Journal)
- XVI. **Population based procedural artificial city generation using beta distribution**
ŞEN B., ÇAVUŞOĞLU A., GÖKTAŞ H. H., AYDIN ATASOY N.

- Mathematical Applications, vol.17, no.1, pp.9-17, 2012 (Scopus)
- XVII. **Observed and projected changes in drought conditions of Turkey**
TOPÇU S., ŞEN B., TÜRKEŞ M., ŞEN B.
Options Mediterraneennes, vol.1, no.95, pp.123-127, 2010 (Peer-Reviewed Journal)
- XVIII. **Bilgisayar ve Öğretim Teknolojileri Eğitimi Bölümü Öğrencilerinin Öğrenme Stilleri**
NUMANOĞLU G., ŞEN B.
Ahi Evran Üniversitesi Kırşehir Eğitim Fakültesi Dergisi, vol.8, no.2, pp.129-148, 2007 (Peer-Reviewed Journal)
- XIX. **The Use Of Artificial Neural Networks In Simulation Of Mobile Ground Vehicles**
GÖKTAŞ H. H., ÇAVUŞOĞLU A., ŞEN B., TOKTAŞ İ.
Mathematical Applications, vol.12, no.2, pp.87-96, 2007 (Scopus)
- XX. **Simülasyon Sistemleri İçin 3 Boyutlu Sanal Şehirlerin GIS Haritaları Üzerinde Oluşturulması**
GÖKTAŞ H. H., ÇAVUŞOĞLU A., ŞEN B., GÖRGÜNOĞLU S.
Teknoloji/Z.K.Ü. Karabük Teknik Eğitim Fakültesi Dergisi, vol.9, no.1, pp.27-38, 2006 (Peer-Reviewed Journal)
- XXI. **A Cellular Positioning and Neighborhood Determination System For Shared Agricultural Machine Usage**
ÇAVUŞOĞLU A., ŞEN B.
Teknoloji/Z.K.Ü. Karabük Teknik Eğitim Fakültesi Dergisi, vol.7, no.2, pp.235-239, 2004 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **CHAPTER-31 : Keratoconus Disease and Three-Dimensional Simulation of the Cornea Throughout the Process of Cross-Linking Treatment**
KAYA H., ÇAVUŞOĞLU A., ÇAKMAK H. B., ŞEN B., ÇALIK E.
in: Emerging Trends in Computational Biology Bioinformatics and Systems Biology, QUOC NAM TRAN, HAMİD ARABNIA, Editor, MORGAN KAUFMANN, WALTHAM, pp.561-574, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Fusing Census and MC-CNN Cost Volumes for Stereo Matching**
KIVANÇ Ş. G., ŞEN B., OK A. Ö., NAR F.
International Symposium on Applied Geoinformatics, Riga, Latvia, 2 - 03 December 2021
- II. **GDPR Compliant Audit Log Management System with Blockchain**
ASLAN U., ŞEN B.
15.Ulusal Yazılım Mühendisliği Sempozyumu - UYMS 2021, Ankara, Turkey, 17 - 19 November 2021
- III. **Novel Blockchain Driven Audit Log Management System for GDPR Compliance**
ASLAN U., ŞEN B.
17th Int. Conference on Data Science (ICDATA'21), LAS VEGAS, United States Of America, 26 - 29 July 2021
- IV. **Performance evaluation of semi-global approaches for the dense image matching of stereo satellite images Stereo uydu görüntülerinin yoğun eşlenmesi için yari-global yaklaşımların performans değerlendirmesi**
KIVANÇ Ş. G., ŞEN B., OK A. Ö., NAR F.
29th IEEE Conference on Signal Processing and Communications Applications, SIU 2021, Virtual, Istanbul, Turkey, 9 - 11 June 2021
- V. **Simulation of Airborne and UAV Remote Sensing Data with Computer Graphics Tools**
TSUJIMOTO E., NAR F., ŞEN B.
Global Conference on Engineering Research 2021 (GLOBECER'21), Samsun, Turkey, 2 - 05 June 2021
- VI. **Automated Diagnostic Tool for Hypertension Using Deep Learning Model**
YILMAZ T., ŞEN B.
Global Conference on Engineering Research 2021 (GLOBECER'21), Samsun, Turkey, 2 - 05 June 2021

- VII. **Region-based Segmentation of Terrain Fields in SAR Images**
YAYLA R., ŞEN B.
28.IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Gaziantep, Turkey, 5 - 07 October 2020
- VIII. **A New Classification Approach with Deep Mask R-CNN for Synthetic Aperture Radar Image Segmentation**
YAYLA R., ŞEN B.
24th International Conference ELECTRONICS 2020, Palang, Bangladesh, 15 - 17 June 2020
- IX. **Parkinson's Disease Based on Artificial Neural Network and Support Vector Machine**
GERGERLİ B., ŞEN B., ÇELEBİ F. V.
6. Uluslararası Bilimsel Araştırmalar Kongresi, Şanlıurfa, Turkey, 1 - 03 November 2019, pp.543-555
- X. **Parkinson's Disease Based On Artificial NeuralNetwork and Support Vector Machine**
Gergerli B., ŞEN B., ÇELEBİ F. V.
6th International Scientific Research Congress, 1 - 03 November 2019
- XI. **Research on Region-Based Convolutional Neural Network for Semantic Segmentation**
YAYLA R., ŞEN B.
8th International Conference on Advanced Technologies, Sarajevo, Bosnia And Herzegovina, 26 - 30 August 2019, pp.244-249
- XII. **Performance Comparison of Machine Learning Methods for Solving Handwriting Character Recognition Problem**
Kıvanç Ş. G., Bakır A. E., Şen B.
International Conference on Advanced Technologies, Computer Engineering and Science (ICATCES 2018), Karabük, Turkey, 11 May 2018, pp.197-202
- XIII. **Increasing Air Traffic Control Efficiency With Integrated Human Machine Interface**
TUZLUPINAR B., ŞEN B.
ICATCES'xx19 "2nd International Conference on Advanced Technologies, Computer Engineering and Science", Antalya, Turkey, 26 - 28 April 2019, pp.150-152
- XIV. **Speckle Reduction in Images Using Non-Local Means Filter and Variational Methods**
KIVANÇ Ş. G., ŞEN B., NAR F.
International Conference on Advanced Technologies, Computer Engineering and Science, Antalya, Turkey, 26 - 28 April 2019, pp.11-19
- XV. **Speckle reduction in images using non-local means filter and variational methods**
Kıvanç Ş. G., Şen B., Nar F.
International Conference on Advanced Technologies, Computer Engineering and Science, Antalya, Turkey, 26 - 28 April 2019, pp.11-19
- XVI. **Document Retrieval System for Biomedical Question Answering**
BOLAT H., ŞEN B.
3rd International Conference on Engineering Technology and Applied Sciences, ÜSKÜP, Macedonia, 17 - 21 July 2018, pp.285-289
- XVII. **Gaussian Noise Reduction in Images Using Non-Local Means Filter and Variational Methods**
Kıvanç Ş. G., Şen B., Nar F.
International Conference on Engineering and Formal Sciences, Amsterdam, Netherlands, 14 - 15 December 2018, pp.1-6
- XVIII. **Follow-up Control System for Elderly and Lonely People**
KOCABEY M., AKYOL K., ASLAN İ., ŞEN B.
International Congress on Engineering and Life Science "ICELIS 2018", Kastamonu, Turkey, 26 - 29 April 2018
- XIX. **A Survey on Predicting Survivability of Retinoblastoma on SEER Data**
GÜLİSTAN Ö., KAYA H., ŞEN B., ÇANKAYA İ.
International Conference on Advanced Technologies, Computer Engineering and Science (ICATCES 2018), Karabük, Turkey, 11 - 13 May 2018, pp.257-261
- XX. **Performance Comparison of Machine Learning Methods for Solving Handwriting Character Recognition Problem**

KIVANÇ Ş. G., ŞEN B., BAKTIR A. E.

International Conference on Advanced Technologies, Computer Engineering and Science (ICATCES 2018), Karabük, Turkey, 11 - 13 May 2018, pp.197-202

- XXI. **Increasing the Performance of SAR Image Despeckling Using Convolutional Neural Networks**
GÜNAYDIN Y. Ş., ŞEN B.
International Conference on Advanced Technologies, Computer Engineering and Science (ICATCES 2018), Karabük, Turkey, 11 - 13 May 2018, pp.179-181
- XXII. **Sahte Plaka Tespiti İçin Araç Takip Simülasyonu**
ÖZKAN S., AKYOL K., ŞEN B.
AB'2018 Akademik Bilişim Konferansları, Karabük, Turkey, 27 January - 02 February 2018, pp.159-163
- XXIII. **A novel hybrid method for determining the depth of anesthesia level: Combining ReliefF feature selection and random forest algorithm (ReliefF \times 002BRF)**
PEKER M., ARSLAN A., ŞEN B., ÇELEBİ F. V., BUT A.
2015 International Symposium on Innovations in Intelligent Systems and Applications (INISTA), Madrid, Spain, 2 - 04 September 2015
- XXIV. **Comparison of Neighborhood Search Techniques for Solving Weapon-Target Assignment Problem using Simulated Annealing Algorithm**
SONUÇ E., ŞEN B., BAYIR Ş.
International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 - 12 May 2017, pp.427
- XXV. **Kalp Üfürümlerinin İzlenmesi için Walsh-Hadamard Dönüşümü Tabanlı Otomatik Sınıflandırma Sistemi**
ARSLAN A., BAĞBABA A. Ç., ŞEN B., ÖRS YALÇIN S. B.
ELECO 2016 (Elektrik, Elektronik ve Biyomedikal Mühendisliği Konferansı 2016), Bursa, Turkey, 1 - 03 December 2016, pp.481-485
- XXVI. **Solving Bin Packing Problem Using Simulated Annealing**
SONUÇ E., ŞEN B., BAYIR Ş.
ISERD 65th International Conference, Mecca, Saudi Arabia, 23 - 24 January 2017, pp.83-85
- XXVII. **Büyük Veri Kümeleri için GPU Tabanlı Paralel Destek Vektör Makinesi**
ARSLAN A., ŞEN B., PEKER M.
UBMK'16 / ICOSE'16 International Conference on Computer Science and Engineering, Tekirdağ, Turkey, 20 - 23 October 2016, pp.519-523
- XXVIII. **A Computer Aided Grading System for Clinical Evaluation of Dry Eye Syndrome**
ARSLAN A., ŞEN B., DELEN D., UYSAL B. S., ÇELEBİ F. V., ÇAKMAK H. B.
Global Joint Conference on Industrial Engineering and Its Application Areas, İstanbul, Turkey, 14 - 15 July 2016, pp.122-131
- XXIX. **Implementation of Computer Assisted Voice Search Engine for Medical Transcription**
ARSLAN A., ŞEN B., DELEN D., ÇELEBİ F. V.
Global Joint Conference on Industrial Engineering and Its Application Areas, İstanbul, Turkey, 14 - 15 July 2016, pp.349-355
- XXX. **Retinal Görüntülerdeki Mikroanevrizmaların ve Hemorajilerin Tespiti**
AKYOL K., ŞEN B., BAYIR Ş.
AB'2016 Akademik Bilişim Konferansları, Aydın, Turkey, 30 January - 05 February 2016
- XXXI. **Gabor Özellikleri ve Görsel Sözlük Kullanarak Retinal Görüntülerdeki Sert Eksudaların Tespiti**
AKYOL K., BAYIR Ş., ŞEN B.
AB'2016 Akademik Bilişim Konferansları, Aydın, Turkey, 30 January - 05 February 2016
- XXXII. **Total variation based 3D skull segmentation Toplam Degisim Tabanlı 3B Kafatası Bölütleme**
Atasoy F., Şen B., Nar F., Özcan C., Bozkurt I.
24th Signal Processing and Communication Application Conference, SIU 2016, Zonguldak, Turkey, 16 - 19 May 2016, pp.1353-1356
- XXXIII. **Sparsity-driven despeckling method with low memory usage Düşük Hafıza Kullanimli Seyreklik-Güdümlü Benek Gürültü Azaltma Yöntemi**

Özcan C., Şen B., Nar F.

24th Signal Processing and Communication Application Conference, SIU 2016, Zonguldak, Turkey, 16 - 19 May 2016, pp.1329-1332

XXXIV. AFET YÖNETİMİ BİLGİ SİSTEMLERİ İÇİN BİR YAKLAŞIM SAĞLIK MODÜLÜ TASARIMI

ÇALIK E., ATILLA R., DİCLE O., KAYA H., ŞEN B., ÇELEBİ F. V.

(International Symposium on Natural Hazards and Hazard Management 2016, 2 - 04 March 2016)

XXXV. An Approach for Information Systems in Disaster The Medical Module Development

ÇALIK E., ATILLA R., DİCLE O., KAYA H., ŞEN B., ÇELEBİ F. V.

International Symposium on Natural Hazards and Hazard Management 2016, Karabük, Turkey, 2 - 04 March 2016, pp.694-699

XXXVI. CPU and GPU Parallelization of Sparsity Driven Despeckling in SAR Images

Özcan C., Şen B., Nar F.

IRSC'16 International Remote Sensing Conference, Ar Riyad, Saudi Arabia, 17 - 20 January 2016

XXXVII. Automatic Segmentation of Region of Interest for Dry Eye Disease Diagnosis System

Arslan A., ŞEN B., Celebi F. V., Uysal B. S.

24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1817-1820

XXXVIII. A Novel Hybrid Method for Determining the Depth of Anesthesia Level Combining ReliefF Feature Selection and Random Forest Algorithm ReliefF RF IEEE International Symposium on Innovations in Intelligent Systems and Applications

Peker M., ŞEN B., BUT A.

IEEE International Symposium on Innovations in Intelligent Systems and Applications, Madrid, Spain, 2 - 04 September 2015

XXXIX. Observing Of The Euro Sales Changes By The Exchange Rate Changes Based On Monte Carlo Simulation Method With Cuda

YAYLA R., ŞEN B.

3rd International Symposium on Innovative Technologies in Engineering and Science (ISITES 2015), Valencia, Spain, 3 - 05 June 2015, pp.2338-2347

XL. The Medical Module For Disaster Information Systems

ÇALIK E., KAYA H., AKYOL K., ŞEN B., ÇELEBİ F. V., ATILLA R.

Third International Conference on Advances in Computing, Communication and Information Technology (CCIT 2015), Birmingham, United Kingdom, 26 - 27 May 2015

XLI. Automated Detection of Optic Disk in Retinal Fundus Images using Gabor Filter Kernels

AKYOL K., KAYA H., ŞEN B., BAYIR Ş.

5th World Conference on Innovation and Computer Sciences(INSODE-2015), Antalya, Turkey, 14 - 16 May 2015, vol.5, pp.43-50

XLII. Gezgin Satıcı Probleminin Benzetiilmiş Tavlama Yöntemiyle Çözümünde Paralel Hesaplamanın Kullanılması

SONUÇ E., ŞEN B., BAYIR Ş.

Akademik Bilişim Konferansı-AB2015, Eskişehir, Turkey, 4 - 06 February 2015

XLIII. Demografik Özelliklerin Koroner Arter Hastalığına Etkisinin Analizi

AKYOL K., BAYIR Ş., ŞEN B.

Akademik Bilişim Konferansı-AB2015, Eskişehir, Turkey, 4 - 06 February 2015

XLIV. Detection of Non-Coding RNA's with Optimized Support Vector Machines

Arslan A., ŞEN B.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1668-1671

XLV. Analysis of Demographic Characteristics Creating Coronary Artery Disease Susceptibility using Random Forests Classifier

Akyol K., ÇALIK E., BAYIR Ş., ŞEN B., Cavusoglu A.

International Conference on Soft Computing and Software Engineering (SCSE), California, United States Of America,

5 - 06 March 2015, vol.62, pp.39-46

- XLVI. Early-exit optimization using mixed norm despeckling for SAR images** **SAR Görüntülerde Karmaşık Norm Kullanarak Gürültü Azaltımı İçin Erken Çıkış Eniyilemesi**
Özcan C., Şen B., Nar F.
2015 23rd Signal Processing and Communications Applications Conference, SIU 2015, Malatya, Turkey, 16 - 19 May 2015, pp.779-782
- XLVII. A Comparison of Different Classification Algorithms For Determining The Depth of Anesthesia Level on A New Set of Attributes**
Arslan A., ŞEN B., Celebi F. V., Peker M., BUT A.
International Symposium on Innovations in Intelligent Systems and Applications (INISTA 2015), Madrid, Spain, 2 - 04 September 2015, pp.134-140
- XLVIII. A Novel Hybrid Method for Determining the Depth of Anesthesia Level: Combining ReliefF Feature Selection and Random Forest Algorithm (ReliefF plus RF)**
Peker M., Arslan A., ŞEN B., Celebi F. V., BUT A.
International Symposium on Innovations in Intelligent Systems and Applications (INISTA 2015), Madrid, Spain, 2 - 04 September 2015, pp.126-133
- XLIX. Disaster Management and Disaster Preparedness Examples of Practices in California and Turkey**
KAYA H., ÇAVUŞOĞLU A., ŞEN B., ÇALIK E.
International Science and Technology Conferences (ISTEC 13), Rome, Italy, 18 July - 20 April 2013, vol.4, pp.36-47
- L. Keratoconus Disease and Three Dimensional Simulation of the Cornea throughout the Process of Cross Linking Treatment**
KAYA H., ÇAVUŞOĞLU A., ÇAKMAK H. B., ŞEN B., ÇALIK E.
The 2014 International Conference on Bioinformatics & Computational Biology (BIOCOMP'14), Las Vegas, United States Of America, 21 - 24 July 2014
- LI. Determining The Correct Diagnosis and Appropriate Treatment Method on Keratoconus: A 3D Decision Support Application**
KAYA H., ÇAVUŞOĞLU A., ÇAKMAK H. B., ŞEN B., DELEN D.
Global Conference on Healthcare Systems Engineering (GCHSE-2014), İstanbul, Turkey, 5 - 08 August 2014
- LII. Veritabanında Saklı Yordamlar Bir Veritabanı Tasarımı ve Web Uygulaması**
AKYOL K., ŞEN B., ORAK İ. M.
XVI. Akademik Bilişim Konferansı (AB'14), Mersin Üniversitesi, Mersin, Turkey, 5 - 07 February 2014
- LIII. Coğrafi Bilgi Sistemi Tabanlı e Triaj Sistemi**
TEKİN N. O., ÇELEBİ F. V., ÇALIK E., ŞEN B., ORAK İ. M.
XVI. Akademik Bilişim Konferansı, Mersin, Turkey, 5 - 07 February 2014
- LIV. GPU efficient SAR image despeckling using mixed norms**
Özcan C., Şen B., Nar F.
High-Performance Computing in Remote Sensing IV, Amsterdam, Netherlands, 22 - 23 September 2014, vol.9247
- LV. The Importance of Univariate Logistic Regression**
KEMAL A., ÇALIK E., ŞEN B., ÇALIKOĞLU D.
4th World Conference on Information Technology (WCIT-2013), Brussels, Belgium, 26 - 28 November 2013, vol.5, pp.216-224
- LVI. Scattered data estimation on medical images for cranioplasty applications** **Kranyoplasti uygulamaları için medikal görüntüler üzerinde dağınik veri kestirimi**
Atasoy F., Şen B., Nar F., Ferat M.
2014 22nd Signal Processing and Communications Applications Conference, SIU 2014, Trabzon, Turkey, 23 - 25 April 2014, pp.1682-1685
- LVII. Prioritization of Graduate Education Courses with Analytic Hierarchy Process**
AKYOL K., ŞEN B., GÖRGÜNOĞLU S.
4th World Conference on Information Technology (WCIT-2013), Brussels, Belgium, 26 - 28 November 2013, vol.5, pp.18-25
- LVIII. i EEG A Software Tool for EEG Feature Extraction Feature Selection and Classification**

ŞEN B., PEKER M., BUT A.

2nd International Symposium on Engineering Artificial Intelligence & Applications, Girne, Cyprus (Kktc), 6 - 08 November 2013, vol.6, pp.43-60

- LIX. **Fast feature preserving despeckling Hizli öznetelik korumali benek gürültü azaltma**
Özcan C., Şen B., Nar F.
2014 22nd Signal Processing and Communications Applications Conference, SIU 2014, Trabzon, Turkey, 23 - 25 April 2014, pp.1007-1010
- LX. **Disaster Readiness of Hospital Information Systems A Case Study from a Turkish University Hospital**
ÇALIK E., KAYA H., ÇAVUŞOĞLU A., AKKUŞ S., ŞEN B.
6th International Conference on Information Security and Cryptology (ISTURKEY'13), Ankara, Turkey, 20 - 21 September 2013, pp.236-241
- LXI. **Cropped Quad Tree Based Solid Object Colouring with CUDA**
ÇAVUŞOĞLU A., ŞEN B., ÖZCAN C., GÖRGÜNOĞLU S.
4th International Conference on Mathematical and Computational Applications, Manisa, Turkey, 11 - 13 June 2013, vol.18, pp.301-312
- LXII. **Niğde İli Hidrometeorolojik Verilerinin İklim Değişebilirliği Açısından Analizi**
ŞEN B., BAYAZİT Y., ŞEN B., KANIT E. G.
İç Anadolu Bölgesi 1. Tarım Ve Gıda Kongresi (TARGRID'13), Niğde Üniversitesi, Niğde, Turkey, 2 - 04 October 2013
- LXIII. **Niğde Yöresi İçin RegCM4 Modeli Yağış Verifikasyonu**
ŞEN B., KILINÇ R., ŞEN B., SONUÇ E.
İç Anadolu Bölgesi 1. Tarım ve Gıda Kongresi (TARGRID'13), Niğde Üniversitesi, Niğde, Turkey, 2 - 04 October 2013
- LXIV. **An efficient approach based on mrMR feature selection and decision tree for automatic sleep stage scoring**
ŞEN B., PEKER M.
3rd World Conference on Innovation and Computer Science (INSODE-2013), Antalya, Turkey, 23 - 28 April 2013, vol.4, pp.546-551
- LXV. **Enerji Üretimi İçin Kullanılan Bir Egzersiz Bisikleti İçin Fiziksel Aktivite Monitörü Tasarlanması**
DURAKLAR K., ŞEN B., ATASOY F.
XV. Akademik Bilişim Konferansı (AB'13), Akdeniz Üniversitesi, Antalya, Turkey, 23 - 25 January 2013
- LXVI. **Veri Madenciliğinde Regresyon Yöntemleri İle Doğalgaz Sektöründe Talep Tüketim Analizi**
ÖZMEN S., ŞEN B.
XV. Akademik Bilişim Konferansı (AB'13), Akdeniz Üniversitesi, Antalya, Turkey, 23 - 25 January 2013, pp.835-839
- LXVII. **Lojistik Regresyon İle Bilgisayar Ağlarında Anomali Tespiti**
BUDAK İ., ŞEN B., YILDIRIM M. Z.
XV. Akademik Bilişim Konferansı (AB'13), Akdeniz Üniversitesi, Antalya, Turkey, 23 - 25 January 2013, pp.766-771
- LXVIII. **A New Complex Valued Intelligent System for Automated Epilepsy Diagnosis Using EEG Signals**
PEKER M., ŞEN B.
3rd World Conference on Information Technology (WCIT-2012), Barcelona, Spain, 14 - 16 November 2012, vol.3, pp.1121-1128
- LXIX. **A Novel Classification and Estimation Approach for Detecting Keratoconus Disease with Intelligent Systems**
Ucar M., ŞEN B., Cakmak H. B.
8th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 28 - 30 November 2013, pp.521-525
- LXX. **Analysing the success of level determination exam according to the school type and lesson type that is represented by questions in the exam**
Cavusoglu A., ŞEN B., Ucar E., Ucar M.
13th International Educational Technology Conference, Lisbon, Portugal, 30 October - 01 November 2014, vol.103, pp.122-126

- LXXI. **Hidden Surface Removal Using BSP Tree with CUDA**
ŞEN B., UYSAL M., ÇELİK C.
3rd World Conference on Innovation and Computer Science (WCIT-2012), Barcelona, Spain, 14 - 16 November 2012, vol.3, pp.238-243
- LXXII. **Analyses of Factors Creating Coronary Artery Disease Susceptibility**
AKYOL K., ÇALIK E., ŞEN B.
3rd World Conference on Information Technology (WCIT-2012), Barcelona, Spain, 14 - 16 November 2012, vol.3, pp.180-185
- LXXIII. **CuEEG EEG Verilerinin Hızlı İşlenmesi için GPU Tabanlı Bir Yaklaşım**
PEKER M., ŞEN B.
ELECO 2012 Elektrik-Elektronik ve Bilgisayar Mühendisliği Sempozyumu, Bursa, Turkey, 29 November - 01 December 2012, pp.685-689
- LXXIV. **An Integrated e Learning System for Engineering Education**
ÇAVUŞOĞLU A., ÇELEBİ F. V., ŞEN B., ATASOY F., MENEMENCİOĞLU O.
2nd International Engineering Education Conference (IEEC 2012), Antalya, Turkey, 4 - 06 November 2012
- LXXV. **Türkiye de İklim Değişikliği ve Olası Etkileri**
TOPÇU S., ŞEN B., TÜRKEŞ M., ŞEN B.
II. Ulusal Sulama ve Tarımsal Yapılar Sempozyumu, Ege Üniversitesi, İzmir, Turkey, 24 - 25 May 2012, pp.1-8
- LXXVI. **Biyokimya ve Hemogram Laboratuvar Test Sonuçlarının Lojistik Regresyon Yöntemiyle Analiz**
AKYOL K., ŞEN B., ÇALIK E.
Akademik Bilişim Konferansı (Ab'12), Uşak, Turkey, 1 - 03 February 2012, pp.345-355
- LXXVII. **Sayısal Kalem (Digital Pen) ile Gerçekleştirilen Çizimlerde Giriş Verisindeki Hataların Azaltılması**
KETHUDAOĞLU A., ŞEN B.
XIV. Akademik Bilişim Konferansları (AB'2012), Uşak, Turkey, 1 - 03 February 2012, pp.253-260
- LXXVIII. **Evaluating the achievements of computer engineering department of distance education students with data mining methods**
ŞEN B., UÇAR E.
First World Conference on Innovation and Software Development (INSODE 2011), İstanbul, Turkey, 2 February - 04 September 2011, vol.1, pp.262-267
- LXXIX. **An Implementation for Quad Tree Based Solid Object Coloring Using CUDA**
ŞEN B., ÖZCAN C., AYDIN ATASOY N.
2nd World Conference on Information Technology (WCIT-2011), Antalya, Turkey, 24 - 27 November 2011, vol.1, pp.122-127
- LXXX. **Developing Low Cost Server Room Monitoring and Control Device**
ATASOY F., AYDIN ATASOY N., ŞEN B., BAYIR Ş.
2nd World Conference on Information Technology (WCIT-2011), Antalya, Turkey, 24 - 27 November 2011, vol.1, pp.326-330
- LXXXI. **LMS Moodle Automatic Enrollment Approach by Flat File with Student Information System Data**
MENEMENCİOĞLU O., ŞEN B., ATASOY F., SONUÇ E.
2nd World Conference on Information Technology (WCIT-2011), Antalya, Turkey, 24 - 27 November 2011, vol.1, pp.314-319
- LXXXII. **Performance Comparison of Gauss Jordan Elimination Method Using OpenMP and CUDA**
ŞEN B., AYDIN ATASOY N., ÖZCAN C.
2nd World Conference on Information Technology (WCIT-2011), Antalya, Turkey, 24 - 27 November 2011, vol.1, pp.103-108
- LXXXIII. **Estimating School Dropout Rates at The Secondary Education Level Using Data Mining Methods**
KAYA H., ÇAVUŞOĞLU A., ŞEN B., UÇAR M.
2nd World Conference on Information Technology (WCIT-2011), Antalya, Turkey, 24 - 27 November 2011
- LXXXIV. **Assessing the capturing capacity of RegCM4 for the precipitation over Med CORDEX using boundary data with higher resolution and improved accuracy**
ŞEN B., ŞEN B., TOPÇU S., SIMON K., KILIÇ R.

6th ICTP Workshop on The Theory and Use Of REGIONAL Climate Models, Trieste, Italy, 07 May 2012 - 18 November 2011

- LXXXV. **Verifying Regional Climate Model Results With Web Based Expert System**
SONUÇ E., ŞEN B., ŞEN B.
First World Conference on Innovation and Computer Sciences (INSODE 2011), İstanbul, Turkey, 2 - 04 September 2011, vol.1, pp.24-30
- LXXXVI. **Using Artificial Intelligence Techniques for Large Scale Set Partitioning Problems**
PEKER M., ŞEN B., BAYIR Ş.
First World Conference on Innovation and Computer Sciences (INSODE 2011), İstanbul, Turkey, 2 - 04 September 2011, vol.1, pp.44-49
- LXXXVII. **Using Gaussian Jordan Elimination Method with Cuda for Linear Circuit Equation System**
AYDIN ATASOY N., ŞEN B., SELÇUK B.
First World Conference on Innovation and Computer Sciences (INSODE 2011), İstanbul, Turkey, 2 - 04 September 2011, vol.1, pp.31-35
- LXXXVIII. **An Efficient Pseudo Microprocessor for Engineering Education**
GÖRGÜNOĞLU S., PEKER M., ŞEN B., ÇAVUŞOĞLU A.
First World Conference on Innovation and Computer Sciences (INSODE 2011), İstanbul, Turkey, 2 - 04 September 2011, vol.1, pp.36-43
- LXXXIX. **Investigation of the performance of LU decomposition method using CUDA**
ÖZCAN C., ŞEN B.
First World Conference on Innovation and Computer Sciences (INSODE 2011), İstanbul, Turkey, 2 - 04 September 2011, vol.1, pp.50-54
- XC. **A Real Time Generation and Modification of GIS based Height Maps**
ÜSTEBAY S., ŞEN B., GÖRGÜNOĞLU S.
2nd International Symposium on Computing in Science and Engineering (ISCSE 2011), Aydın, Turkey, 1 - 04 June 2011, pp.256-262
- XCi. **Support Vector Machines with the COIL 20 Image Library Classification Practice**
ŞEN B., ÇELİK A.
2nd International Symposium on Computing in Science and Engineering (ISCSE 2011), Aydın, Turkey, 1 - 04 June 2011, pp.143-148
- XCII. **Estimation of Dominant Motion Direction on Video Sequences**
GÖRGÜNOĞLU S., ALTAY AÇAR Ş., ŞEN B.
2nd International Symposium on Computing in Science and Engineering (ISCSE 2011), Aydın, Turkey, 1 - 04 June 2011, pp.30-36
- XCIII. **Rota Planlama Problemleri İçin Taguchi Yöntemi ve Karınca Koloni Sistemi Tabanlı Bir Yaklaşım**
PEKER M., YILDIZ KUMRU P., ŞEN B.
31. Ulusal Yöneyem Araştırması ve Endüstri Mühendisliği Kongresi (YAEM'11), Sakarya, Turkey, 5 - 07 July 2011, pp.698-707
- XCIV. **Paralel Hesaplama ve CUDA**
AKÇAY M., ŞEN B., ORAK İ. M., ÇELİK A.
6. Uluslar arası İleri Teknolojiler Sempozyumu (İATS'11), Elazığ, Turkey, 26 - 28 May 2011, vol.3, pp.218-222
- XCV. **Meslek Liselerinde Sistem Bakım ve Onarım Dersi İçin Performans Artırımına Yönelik Bir Uzman Sistem Gerçekleştirimi**
PEKER M., ŞEN B.
11th International Educational Technology Conference (IETC 2011), İstanbul, Turkey, 25 - 27 May 2011, vol.2, pp.1770-1775
- XCVI. **Observed and Projected Changes in Drought Conditions of Turkey**
TOPÇU S., ŞEN B., TÜRKEŞ M., ŞEN B.
The International Conference on Economics of Drought and Drought Preparedness in the Mediterranean (2010), İstanbul, Turkey, 2 - 04 March 2010, pp.123-127
- XCVII. **Kümelenmiş Sanal Sınıf Uygulaması**

ŞEN B., MENEMENCİOĞLU O., ATASOY F., ÖZCAN C.

XIII. Akademik Bilişim Konferansı (AB'11), Malatya, Turkey, 2 - 04 February 2011, pp.441-450

XCVIII. Vulnerability Of Water Resources Under Changing Climate Conditions In Upper Mesopotamia

TOPÇU S., ŞEN B., ÖDEMİŞ B., ŞEN B.

British Hydrological Society Third International Symposium on "Role of Hydrology in Managing Consequences of a Changing Global Environment, Newcastle, Australia, 19 - 23 July 2010, pp.19-23

XCIX. Placement Score Estimation of Secondary Education Transition System Using Expert Systems

ŞEN B., UÇAR E.

The 1st International Symposium on Computing in Science & Engineering (ISCSE 2010), Aydın, Turkey, 3 - 05 June 2010, pp.87-91

C. Web Based Optical Reading System for Evaluation Of Students Performances

KAYA H., AYDEMİR F., ŞEN B.

The 1st International Symposium on Computing in Science & Engineering ISCSE 2010, Aydın, Turkey, 3 - 05 June 2010, pp.311-315

CI. Developing A Terrain Sensitive Flexible Simulation Platform For Mobile Vehicles

ÇAVUŞOĞLU A., ŞEN B., ATASOY F.

The 1st International Symposium on Computing in Science & Engineering (ISCSE 2010), Aydın, Turkey, 3 - 05 June 2010, pp.306-310

CII. A real time Verification System Development Using Regional Climate Model Results

ŞEN B., AYDIN ATASOY N.

The 1st International Symposium on Computing in Science & Engineering (ISCSE 2010), Aydın, Turkey, 3 - 05 June 2010, pp.61-67

CIII. A web based expert verification system for Regional climate models

ŞEN B., AYDIN ATASOY N., ŞEN B.

5th. ICTP Workshop on the Theory and Use of Regional Climate, Trieste, Italy, 31 May - 11 June 2010

CIV. Kurumsal Risk Değerlendirmesi

UÇAR E., ŞEN B.

4th. International Information Security&Cryptology Conference, Ankara, Turkey, 6 - 08 May 2010, pp.350-354

CV. Past and Future Drought Regimes in Turkey

ŞEN B., TOPÇU S., TÜRKEŞ M., ŞEN B.

EGU General Assembly 2010, Vienna, Austria, 2 - 07 May 2010, vol.12, pp.9581

CVI. Developing Web Based Content of Microcontroller Course For Distance Education

AYDIN ATASOY N., ATASOY F., ŞEN B.

10th International Educational Technology Conferenc (IETC-2010), İstanbul, Turkey, 26 - 28 April 2010, pp.393-396

CVII. Stokastik Ölçeksiz Nöral Ağda Eşik altı Uyarımın Kodlanması

YILMAZ E., ÖZER M., ŞEN B.

IEEE 18. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Diyarbakır, Turkey, 22 - 24 April 2010, pp.645-648

CVIII. Düşük Maliyetli Web Tabanlı Uzaktan Eğitim Sistemi Uygulaması

ŞEN B., ATASOY F., AYDIN ATASOY N.

XII. Akademik Bilişim Konferansları Muğla Üniversitesi (AB'2010), Muğla, Turkey, 10 - 12 February 2010, vol.2, pp.483-490

CIX. Karabük Üniversitesi Mühendislik Fakültesi Bilgisayar Mühendisliği Bölümü Lisans Y Lisans Doktora Programlarının Tanıtımı

ÖZCAN C., ŞEN B.

Elektrik Elektronik Bilgisayar Biyomedikal Mühendislikleri Eğitimi 4. Ulusal Sempozyumu, Eskişehir, Turkey, 22 - 24 October 2009

CX. Bilgisayar ve Öğretim Teknolojileri Eğitimi Bölümü Öğrencilerinin Öğrenme Stilleri

NUMANOĞLU G., ŞEN B.

15. Ulusal Eğitim Bilimleri Kongresi, Muğla, Turkey, 13 - 15 September 2006, pp.173-175

CXI. Algoritmik 3D Virtual City Production Using Genetic Algorithms

GÖKTAŞ H. H., ÇAVUŞOĞLU A., ŞEN B.

The 5th International Symposium On Intelligent Manufacturing Systems(IMS2006), Sakarya, Turkey, 29 - 31 May 2006

CXII. Analysis of Climate Trends in The Southeastern Anatolia Projects GAP Region in Turkey

ŞEN B., TOPÇU S., ŞEN B., AYDIN A.

Sustainable Development and New Technologies for Agricultural Production in GAP Region, Adana, Turkey, 23 - 25 May 2007

CXIII. Climate Variability in The Cukurova Plain in Turkey

TOPÇU S., ŞEN B., ŞEN B., ALTUNBEY H.

Sustainable Development and New Technologies for Agricultural Production in GAP Region, Adana, Turkey, 23 - 25 May 2007

CXIV. Impacts of Irrigation Projects on Local Climate in The Southeastern Anatolia Project GAP Region in Turkey

TOPÇU S., ŞEN B., ŞEN B.

International Symposium on Water and Land Management for Sustainable Irrigated Agriculture, Adana, Turkey, 4 - 08 April 2006

CXV. Bilgisayar Destekli Sulama ve Ortak Makina Kullanımı Yönetimi

YENİGÜN R., TÜZÜN M., NUSRET M., BÖLÜKOĞLU H., ŞEN B., PEKCAN İ.

Tarımda Bilişim Teknolojileri 4. Sempozyumu, K.Maraş, Turkey, 03 August 2001, pp.232-239

Supported Projects

ŞEN B., Project Supported by Higher Education Institutions, SAR görüntü iyileştirme çalışma ortamının geliştirilmesi, 2015 - 2016

ŞEN B., Industrial Thesis Project, SANTEZ 0477 STZ 2013 2 Keratokonus Hastalığının Teshisi ve Çapraz Bağlama Operasyonu Sonrası Korneanın 3 Boyutlu Benzetimi, 2014 - 2016

ŞEN B., Project Supported by Higher Education Institutions, International Science and Technology Conference 2013 (ISTEC'13), 2013 - 2015

ŞEN B., Project Supported by Higher Education Institutions, Görüntüler Üzerindeki Gürültüyü Gidermede Hibrit Yöntem Geliştirilmesi, 2013 - 2015

ŞEN B., Project Supported by Higher Education Institutions, Kranyoplasti Uygulamaları İçin Medikal Görüntü Tamamlama, 2013 - 2015

ŞEN B., Project Supported by Higher Education Institutions, YBÜ BAP 590 Görüntüler Üzerindeki Gürültüyü Gidermede Hibrit Yöntem Geliştirilmesi, 2013 - 2015

ŞEN B., Project Supported by Higher Education Institutions, YBÜ BAP 587 Kranyoplasti Uygulamaları İçin Medikal Görüntü Tamamlama, 2013 - 2015

ŞEN B., Project Supported by Higher Education Institutions, Predicting and Analyzing Secondary Education Placement-Test Scores: A Data Mining Approach, 2014 - 2014

ŞEN B., Industrial Thesis Project, SANTEZ 1318 STZ 2012 1 e Triage Karar Destek Sistemi Yazılımı, 2012 - 2014

ŞEN B., Project Supported by Higher Education Institutions, KBÜ BAP C 11 D005 Grid Verilerde Kullanıcı Tanımlı Fonksiyonları Gerçekleştiren Dinamik Modül Tasarımı, 2011 - 2012

ŞEN B., Project Supported by Higher Education Institutions, KBÜ BAP C 11 Y 017 Kullanıcı Direktifli Rastgele Arazi Yüzeylerinin Kolay ve Hızlı Üretimi, 2011 - 2012

ŞEN B., Project Supported by Higher Education Institutions, KBÜ BAP C 11 Y 016 RegCM4 Bölgesel İklim Modeli Verilerinin Verifikasyonu, 2011 - 2012

ŞEN B., Project Supported by Higher Education Institutions, 07 2003 45 Akıllı Trafik Eğitimi Simülatörü İçin 3 Boyutlu Veritabanı Üretimi, 2003 - 2006

ŞEN B., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, 2004K120470 33 Sürücü Adayları İçin Akıllı Sanal Sürüş Eğitimi Platformunun Geliştirilmesi, 2003 - 2004

Metrics

Publication: 155

Citation (WoS): 257

Citation (Scopus): 719

H-Index (WoS): 8

H-Index (Scopus): 10

Non Academic Experience

HAVELSAN-EHSİM

TÜBİTAK-BAŞKANLIK

TÜBİTAK-BAŞKANLIK

HAVELSAN A.Ş.

LBS (Logo Business Solutions)

MİLLİ SAVUNMA BAKANLIĞI