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Görüşme Saatleri: Salı- 13:00 - 14:00
osman.ucan@altinbas.edu.tr

EĞİTİM BİLGİLERİ

Derece	Üniversite	Bölüm	Yıl
Doktora	İstanbul Teknik Üniversitesi	Elektronik ve Haberleşme Mühendisliği (DR)	1991 - 1995
Yüksek Lisans	İstanbul Teknik Üniversitesi	Elektronik ve Haberleşme Mühendisliği Bölümü	1985 - 1988
Lisans	İstanbul Teknik Üniversitesi	Elektronik ve Haberleşme Mühendisliği Bölümü	1980 - 1985

ARAŞTIRMA ALANLARI

AKADEMİK GÖREVLER

Görev	Üniversite	Alan	Yıl
Profesör	Altınbaş Üniversitesi	Elektrik-Elektronik Mühendisliği Bölümü	2016 -
Profesör	İstanbul Aydın Üniversitesi	Elektrik-Elektronik Mühendisliği Bölümü	2010 - 2016
Profesör	İstanbul Üniversitesi	Elektronik Mühendisliği Bölümü	2004 - 2010
Doçent	İstanbul Üniversitesi	Elektronik Mühendisliği Bölümü	1998 - 2004
Yardımcı Doçent	İstanbul Üniversitesi	Elektronik Mühendisliği Bölümü	1997 - 1999
Araştırma Görevlisi	İstanbul Teknik Üniversitesi	Elektronik ve Haberleşme Mühendisliği Bölümü	1986 - 1996

İDARİ GÖREVLER

Görev	Üniversite	Yıl
Komisyon Başkanlığı	Altınbaş Üniversitesi	2024 -
Mühendislik ve Mimarlık Fakültesi Yönetim Kurulu Üyesi	Altınbaş Üniversitesi	2024 -
İletişim Fakültesi Yönetim Kurulu Üyesi	Altınbaş Üniversitesi	2024 -
İletişim Fakültesi Fakülte Kurulu Üyesi	Altınbaş Üniversitesi	2024 -
Güzel Sanatlar Fakültesi Yönetim Kurulu Üyesi	Altınbaş Üniversitesi	2024 -
Güzel Sanatlar Fakültesi Kurulu Üyesi	Altınbaş Üniversitesi	2024 -
Dekan	Altınbaş Üniversitesi	2021 - 2024
Bölüm Başkanı	Altınbaş Üniversitesi	2016 - 2024
Dekan	Altınbaş Üniversitesi	2016 - 2020
Dekan	İstanbul Aydın Üniversitesi	2012 - 2016
Dekan Yardımcısı	İstanbul Aydın Üniversitesi	2010 - 2012
Anabilim Dalı Başkanı	İstanbul Üniversitesi	2006 - 2010
Bölüm Başkan Yardımcısı	İstanbul Üniversitesi	1997 - 2000

Dekan Yardımcısı

İstanbul Üniversitesi

1997 - 1999

AKADEMİK VE MESLEKİ ÜYELİKLER

Kurum	Üyelik	Yıl
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ÜNİVERSİTE DIŞI DENEYİM

Ülke	Kurum	Görev	Yıl
TÜRKİYE	Netaş A.Ş.	Bağımsız Yönetim Kurulu Üyesi	2024 -

KİTAPLAR**ECVET Digital Platform Leonardo Da Vinci Projesi**

UÇAN OSMAN NURİ

Avrupa Birliği Projesi, European Project, 2013

Kitap Tercümesi Tümü

Contemporary coding techniques and applications for mobile communications

Onur Osman, Osman N. Ucan

Taylor and Francis, ISBN 978-1-4200-5461-3, 2009

Bilimsel Kitap Tümü

Görüntü işleme teknikleri ve Mühendislik Uygulamaları

Osman N. Ucan, Onur Osman, A. Muhittin Albora

Nobel Yayın, ISBN 9944-77-051-5, 2006

Bilimsel Kitap Tümü

Haberleşme Teorisi ve Mühendislik Uygulamaları

Osman N. Ucan, Onur Osman

Nobel Yayın, ISBN 9944-77-039-6, 2006

Bilimsel Kitap Tümü

Blind Equalization of Quadrature Partial Response Trellis Coded Modulated Signals in Rician Fading

Osman N. Ucan, Hakan A. Cirpan

Springer Verlag, ISBN 3- 540-67850-6, 2001

Bilimsel Kitap Bölüm(ler)

Performance of Combined Trellis Coded Quantization Modulation over Wireless Local Loop Environment

Osman N. Ucan, M. Uysal, S. Paker

John Wiley and Sons Ltd. Publications, ISBN 0471 49746 7, 2001

Bilimsel Kitap Bölüm(ler)

Diagnosis of neurological disorders based on deep learning techniques

Saif Al-Jumali, Athar Alazzawi, Osman Nuri Uçan, Adil Deniz Duru

Taylor and Francis, 978103232523, 2023

Bilimsel Kitap Bölüm(ler)

Time-Frequency Analysis in Biomedical Engineering/Deep Learning-Based Epileptic Seizure Classification in Neonates Using STFT-Transformed EEG Signals

S Al-Jumaili, AAM Salam Alyassri, AD Duru, ON Uçan

Taylor and Francis, 9781003611448, 2026

Bilimsel Kitap Bölüm(ler)

MAKALELER**Evaluation of Deep Transfer Learning Methodologies on the COVID-19 Radiographic Chest Images**

Al-azzawi Athar, Al-jumaili Saif, Duru Adil Deniz, Göksel Duru Dilek, Uçan Osman Nuri

TRAITEMENT DU SIGNAL, 2023

Uluslararası DOI: 10.18280/ts.400201

MAKALELER**Secure banking and international trade digitization using blockchain**

Hameed Alsalmi Muhammed Sabah, UÇAN OSMAN NURİ

Optik, 2023

Uluslararası DOI: 10.1016/j.ijleo.2022.170269

Fully automatic liver and tumor segmentation from CT image using an AIM-Unet

ÖZCAN FIRAT, UÇAN OSMAN NURİ, KARAÇAM S., DUYGU T.

BIOENGINEERING, 2023

Uluslararası DOI: 10.3390/bioengineering10020215

YOLO-V3 based real-time drone detection algorithm

Alsanad Hamid R., Sadik Amin Z, UÇAN OSMAN NURİ, ILYAS MUHAMMAD, BAYAT OĞUZ

Multimedia Tools and Applications, 2022

Uluslararası DOI: 10.1007/s11042-022-12939-4

Indonesian Journal of Electrical Engineering and Computer Science

Jameel Mahdi Abdullah, Mazher Wamidh Jalil, UÇAN OSMAN NURİ

Indonesian Journal of Electrical Engineering and Computer Science, 2021

Uluslararası DOI: 10.11591/ijeecs.v23.i2.pp918-926

An Efficient and Reliable Routing Method for Hybrid Mobile Ad Hoc Networks Using Deep Reinforcement Learning

Alkadhmi Murtadha M. A., UÇAN OSMAN NURİ, ILYAS MUHAMMAD

Applied Bionics and Biomechanics, 2020

Uluslararası DOI: 10.1155/2020/8888904

Real-Time Fuel Truck Detection Algorithm Based on Deep Convolutional Neural Network

Alsanad Hamid R, UÇAN OSMAN NURİ, ILYAS MUHAMMAD, Rehman Atta Ur, BAYAT OĞUZ

IEEE Access, 2020

Uluslararası DOI: 10.1109/ACCESS.2020.3005391

Classification of Resting-State Status Based on Sample Entropy and Power Spectrum of Electroencephalography (EEG)

Mohamed Ahmed, UÇAN OSMAN NURİ, BAYAT OĞUZ, DURU ADİL DENİZ

APPLIED BIONICS AND BIOMECHANICS, 2020

Uluslararası DOI: 10.1155/2020/8853238

Mammographical mass detection and classification using Local Seed Region Growing Spherical Wavelet Transform LSRG SWT hybrid scheme

Gorgel Pelin, Sertbas Ahmet, Ucan Osman N

COMPUTERS IN BIOLOGY AND MEDICINE, 2013

Uluslararası DOI: 10.1016/j.combiomed.2013.03.008

A New Method for 3D Thinning of Hybrid Shaped Porous Media Using Artificial Intelligence Application to Trabecular Bone

Jennane Rachid, Aufort Gabriel, Benhamon Claude Laurent, Ceylan M , Ozbay Y , Ucan ON

JOURNAL OF MEDICAL SYSTEMS, 2012

Uluslararası

Cooperative communications with multilevel AES SD4 CPFSK in wireless sensor networks

Cam Hakan, Ozduran Volkan, Altay Gokmen, Osman N. Ucan,

ANNALS OF TELECOMMUNICATIONS-ANNALES DES TELECOMMUNICATIONS, 2011

Uluslararası

Multilevel AES LDPCC CPFSK with channel equalization over WSSUS multipath environment

Cam Hakan, Ucan Osman N., Ozduran Volkan

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, 2011

Uluslararası

MAKALELER

Application of cellular neural network CNN to the prediction of missing air pollutant data

Sahin Ulku Alver, Bayat Cuma, Ucan Osman N.

ATMOSPHERIC RESEARCH, 2011

Uluslararası

A novel method for lung segmentation on chest CT images complex valued artificial neural network with complex wavelet transform

Ceylan M ., Ozbay Y., Ucan ON., Yildirim E.,

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, 2010

Uluslararası

3D Image Analysis and Artificial Intelligence for Bone Disease Classification

Akgundogdu A, Jennane R, Aufort G, Benhamou CL, Ucan ON

JOURNAL OF MEDICAL SYSTEMS, 2010

Uluslararası

Comparison of discrete wavelet and complex wavelet transform in hybrid skeletonization based on CVANN

Murat Ceylan, Osman Nuri Ucan, Yuksel Ozbay, Rachid Jennane, Gabriel Aufort, Claude Laurent Benhamou

Fen Bilimleri Dergisi (IAU-FBD), 2010

Ulusal

Hermitian transform approach in classification of ECG signals

Olcay Akbulut Kurus, Niyazi Kilic, Osman N. Ucan

Fen Bilimleri Dergisi (IAU-FBD), 2010

Ulusal

Automatic isocontour determination for iodine dose calculation using cellular neural networks on scintigraphic images

Roger Lédée, Fabien Courrèges, Rachid Harba, Onur Osman, Osman N.Ucan

INTERNATIONAL JOURNAL OF ELECTRONICS, MECHANICAL and MECHATRONICS ENGINEERING, 2010

Uluslararası

A Comparative Study of Breast Mass Classification based on Spherical Wavelet Transform using ANN and KNN Classifiers

UÇAN OSMAN NURİ

INTERNATIONAL JOURNAL OF ELECTRONICS, MECHANICAL and MECHATRONICS ENGINEERING, 2010

Uluslararası

An artificial neural network based model for short term predictions of daily mean PM10 concentrations

UÇAN OSMAN NURİ

JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY, 2010

Uluslararası

A Wavelet Based Mammographic Image Denoising and Enhancement with Homomorphic Filtering

UÇAN OSMAN NURİ

JOURNAL OF MEDICAL SYSTEMS, 2010

Uluslararası

Mammographic Mass Detection using Wavelets as Input to Neural Networks

Kilic Niyazi, Gorgel Pelin, Ucan Osman N., et al., n

JOURNAL OF MEDICAL SYSTEMS, 2010

Uluslararası

Diagnosis of Renal Failure Disease Using Adaptive Neuro Fuzzy Inference System

Akgundogdu Abdurrahim, Kurt Serkan, Kilic Niyazi, Osman N. Ucan

JOURNAL OF MEDICAL SYSTEMS, 2010

Uluslararası

Evaluation of face recognition techniques using PCA wavelets and SVM

UÇAN OSMAN NURİ

Expert Systems with Applications, 2010

Uluslararası

MAKALELER

Classification of the Colonic Polyps in CT Colonography Using Region Covariance as Descriptor Features of Suspicious Regions

Kilic N, Kursun O, Osman N. Ucan

Journal of Medical Systems, 2010

Uluslararası

Performance of joint multilevel AES LDPCC CPFSK schemes over wireless sensor networks

Cam H, Osman N. Ucan, Odabasioglu N, Sonmez AC

International Journal of Communication Systems, 2010

Uluslararası

Enhanced AI-Simulink Hybrid Framework for Low-Latency Interference Mitigation and Performance Optimization in 5G RF Receivers

SK Abbas, ON Uçan, AS Oday

Physical Communication, 2026

Uluslararası DOI: 10.1016/j.phycom.2026.102995

Power transformer fault type estimation using artificial neural network based on dissolved gas in oil analysis

Gunes Ibrahim, Gozutok Abdulkadir, Ucan Osman Nuri, et al.,

ENGINEERING INTELLIGENT SYSTEMS FOR ELECTRICAL ENGINEERING AND COMMUNICATIONS, 2009

Uluslararası

Separation of original paintings of Matisse and his fakes using wavelet and artificial neural networks

Baybora Temel, Niyazi Kilic, Bunyamin Ozgultekin, Osman N. Ucan,

Journal of Electrical &Electronics (IU-JEEE), 2009

Ulusal

Mammographic mass classification using wavelet based support vector machine

Pelin Gorgel, Ahmet Sertbas, Niyazi Kilic, Osman N. Ucan, Onur Osman

Istanbul University-Journal of Electrical &Electronics (IU-JEEE), 2009

Ulusal

Colon segmentation and colonic polyp detection using cellular neural Networks and three dimensional template matching

UÇAN OSMAN NURİ

Expert Systems, 2009

Uluslararası

A Backpropagation Neural Network Approach For Ottoman Character Recognition

Gorgel P, Kilic N, Ucan B, Osman N. Ucan, Kala A

Intelligent Automation and Soft Computing, 2009

Uluslararası

Estimation of Stream Temperature in Degirmendere River Trabzon Turkey Using Artificial Neural Network Model

Sivri N, Ozcan HK, Osman N. Ucan, Akıncılar O.

Turkish Journal of Fisheries And Aquatic Sciences, 2009

Uluslararası

Colon segmentation and colonic polyp detection using cellular neural networks and three dimensional template matching

Kilic N, Osman N. Ucan, Osman O

Expert Systems, 2009

Uluslararası

Determination of relationship between hardness and groundwater quality parameters by neural networks

Balkaya N, Ozcan HK, Osman N. Ucan

Desalination And Water Treatment, 2009

Uluslararası

MAKALELER

Multilevel turbo coded continuous phase frequency shift keying MLTC CPFSK

Odabasioglu N, Osman N. Ucan

Computers & Electrical Engineering, 2009

Uluslararası

Markov random field image processing applications on ruins of the Hittite Empire

UÇAN OSMAN NURİ

Near Surface Geophysics, 2009

Uluslararası

Evaluation of Trace Element Concentrations in Groundwater and Classification of Endemic Disease Regions using Multilayer Perceptron Neural Network

Sahmurova A, Kilic N, Okan I, Osman N. Ucan, et al.

Journal of Residuals Science & Technology, 2009

Uluslararası

Modeling of Methane Distribution in a Landfill Using Genetic Algorithms

UÇAN OSMAN NURİ

Environmental Engineering Science, 2009

Uluslararası

Ship Waste Forecasting at the Botas LNG Port Using Artificial Neural Networks

Satir T, Demir H, Alkan GB, Osman N. Ucan, et al.

Fresenius Environmental Bulletin, 2008

Uluslararası

Nodule detection in a lung region that s segmented with using genetic cellular neural networks and 3D template matching with fuzzy rule based thresholding

Ozekes S, Osman O, Osman N. Ucan

Korean Journal of Radiology, 2008

Uluslararası

Causal Representation Learning for Joint Modeling and Mitigation of Coupled RF Impairments in MIMO Systems

MWM Al-Dulaimi, ON Ucan

Electronics, 2026

Uluslararası DOI: <https://doi.org/10.3390/electronics15061289>

Signalling enhancement on multilevel turbo codes

Bayat O, Shafai B, Salehi M, Osman N. Ucan, et al.

International Journal of Communication Systems, 2008

Uluslararası

Joint Multilevel Turbo Equalization and Continuous Phase Frequency Shift Keying

Bayat O, Odabasioglu N, Osman O, Osman N. Ucan, et al.,

Eurasip Journal on Wireless Communications and Networking, 2008

Uluslararası

Breast MR segmentation and lesion detection with cellular neural networks and 3D template matching

Ertas G, Gulcur HO, Osman O, Osman N. Ucan, et al.,

Computers in Biology and Medicine, 2008

Uluslararası

A preliminary study on computerized lesion localization in MR mammography using 3D nMITR maps multilayer cellular neural networks and fuzzy c partitioning

Ertas G, Gulcur HO, Tunaci M, Osman N. Ucan, et al.,

Medical Physics, 2008

Uluslararası

MAKALELER

Performance of the systematic distance 4 codes over fading channels

Osman N.Ucan, Tayfun Acarer, Ertuğrul Karacuha, Onur Osman, Gökmen Altay, Şenay Yalcın,
Journal of Electrical & Electronics (IU-JEEE), 2008

Ulusal

Adaptive Wiener Turbo system and adaptive Wiener Turbo systems with JPEG Bit plane compression

Kenan Büyükkatak, Osman N.Ucan, Ersin Göse, Onur Osman, Sedef Kent
Istanbul University-Journal of Electrical & Electronics (IU-JEEE), 2007

Ulusal

A new approach for border detection of the Dumluca Turkey iron ore area Wavelet cellular neural networks

Albora AM, Bal A, Osman N. Ucan
Pure and Applied Geophysics, 2007

Uluslararası

Tectonic modeling of Konya Beyşehir Region Turkey using cellular neural networks

UÇAN OSMAN NURİ
Annals of Geophysics, 2007

Uluslararası

Modeling of tropospheric ozone concentrations using genetically trained multi level cellular neural networks

Ozcan HK, Bilgil E, Sahin U, Osman N. Ucan, Bayat C
Advances in Atmospheric Sciences, 2007

Uluslararası

Lung nodule diagnosis using 3D template matching

Osman O, Ozekes S, Osman N. Ucan
Computers in Biology and Medicine, 2007

Uluslararası

Novel convolutional neural network for bacterial identification of confocal microscopic datasets

Ahmed Al-Jumaili, Saif Al-Jumaili, Salam Alyassri, Adil Deniz Duru, Osman Nuri Uçan, Mohan V Jacob, Frederico Branco, Paulo Jorge Coelho, Ivan Miguel Pires
Scientific Reports, 2026

Uluslararası DOI: <https://doi.org/10.1038/s41598-026-38861-5>

Forward modeling with forced neural networks for gravity anomaly profile

UÇAN OSMAN NURİ
Mathematical Geology, 2007

Uluslararası

Maximum stream temperature estimation of Degirmendere River using artificial neural network

Karacor AG, Sivri N, Osman N. Ucan
Journal of Scientific & Industrial Research, 2007

Uluslararası

Modelling potential field sources in the Gelibolu Peninsula Western Turkey using a Markov Random Field approach

Albora AM, Osman N. Ucan, Aydoğan D
Pure And Applied Geophysics, 2007

Uluslararası

Performance of low density parity check coded continuous phase frequency shift keying LDPC CPFSK over fading channels

Hekim Y, Odabasioglu N, Osman N. Ucan
International Journal of Communication Systems, 2007

Uluslararası

MAKALELER

Channel parameter estimation for turbo trellis coded modulation in OFDM systems

Osman N. Ucan, Osman O

Journal of Communications Technology and Electronics, 2007

Uluslararası

Estimation of stream temperature in Firtina Creek Rize Turkiye using artificial neural network model

Sivri N, Kilic N, Osman N. Ucan

Journal of Environmental Biology, 2007

Uluslararası

Computer network optimization using genetic algorithm

Olçay Akbulut, Onur Osman, Osman N.Ucan

Istanbul University-Journal of Electrical &Electronics (IU-JEEE), 2006

Ulusal

Evaluation of tectonic structure of Iskenderun Basin Turkey using steerable filters

Albora AM, Sayin N, Osman N. Ucan

Marine Geophysical Researches, 2006

Uluslararası

Heuristic construction of high rate linear block codes

Altay G, Osman N. Ucan

AEU-International Journal of Electronics and Communications, 2006

Uluslararası

A new approach for residual gravity anomaly profile interpretations Forced Neural Network FNN

Osman O, Albora AM, Osman N. Ucan

Annals of Geophysics, 2006

Uluslararası

Geometric augmented product codes

Altay G, Osman N. Ucan, Ugurdag HF

IEE Proceedings-Communications, 2006

Uluslararası

Performance of multilevel turbo codes with blind non blind equalization over WSSUS multipath channels

UÇAN OSMAN NURİ

International Journal of Communication Systems, 2006

Uluslararası

Separation of magnetic field data using the differential Markov random field DMRF approach

Albora AM, Osman N. Ucan

Geophysics, 2006

Uluslararası

Artificial neural network modeling of methane emissions at Istanbul Kemerburgaz Odayeri landfill site

Ozcan HK, Osman N. Ucan, Sahin U, Borat M, Bayat C.,

Journal of Scientific & Industrial Research, 2006

Uluslararası

Modeling of SO2 istribution in Istanbul Using Artificial Neural Network

UÇAN OSMAN NURİ

Environmental Modelling and Assessment, 2005

Uluslararası

2D image transmission using Kalman Turbo systems

Niyazi Odabaşıoğlu, A. Korhan Tanç, Osman N.Ucan

Istanbul University-Journal of Electrical &Electronics (IU-JEEE), 2005

Ulusal

MAKALELER

Iterative decoding of geometric product codes

Gökmen Altay, Osman N.Ucan

Istanbul University-Journal of Electrical &Electronics (IU-JEEE), 2005

Ulusai

Performance of multilevel turbo codes with group partitioning over satellite channels

Osman O, Osman N. Ucan, Odabasioglu N

IEE Proceedings-Communications, 2005

Uluslararası

Potential anomaly separation and archeological site localization using genetically trained multi level cellular neural networks

Bilgili E, Goknar IC, Albora AM, Osman N. Ucan, et al.

ETRI Journal, 2005

Uluslararası

Cellular neural network with trapezoidal ctivation function

Bilgili E, Goknar IC, Osman N. Ucan

International Journal of Circuit Theory And Applications, 2005

Uluslararası

Blind Equalization of Turbo Trellis Coded Partial Response Continous Phase Modulation signalling over narrow band Rician fading channel

UÇAN OSMAN NURİ

IEEE Transaction on Wireless Communications (ToW), 2005

Uluslararası

A new approach to the structural features of the Aegean Sea Cellular neural network

UÇAN OSMAN NURİ

Marine Geophysical Researches, 2005

Uluslararası

Modeling of CO Distribution in Istanbul Using Artificial Neural Network

Ulku Sahin, Osman N. Ucan, Burcu Soyhan, Cuma Bayat

Fresenius Environmental Bulletin, 2004

Uluslararası

Blind Equalization of space time turbo trellis coded continous phase modulation over Rician fading channels

Osman N. Ucan, Onur Osman

European Transaction on Telecommunications, 2004

Uluslararası

Concatenation of space time block codes and turbo trellis coded modulation ST TTCM over Rician fading channel with imperfect phase reference

Osman N. Ucan, Onur Osman

International Journal of Communication Systems, 2004

Uluslararası

Application of wavelet transform to magnetic data due to ruins of Hittite civilization of Turkey

A.Muhittin Albora, Z.M. Hisarli, Osman N. Ucan

Pure and Applied Geophysics, 2004

Uluslararası

Trellis coded quantization trellis coded continuous phase modulation over Rician channel with imperfect phase reference

UÇAN OSMAN NURİ

European Transactions On Telecommunications, 2004

Uluslararası

MAKALELER

Performance of transmit diversity turbo trellis coded modulation TD TCM over genetically estimated WSSUS MIMO channels

Göse E, Pastacı H, Osman N. Ucan, et al.,
Frequenz, 2004

Uluslararası

Magnetic anomaly separation using Genetic Cellular Neural Networks

Osman N. Ucan, Erdem Bilgili, M. Albora
Journal of the Balkan Geophysical Society, 2002

Uluslararası

Repeating Space Time codes for Turbo Trellis Modulation

Osman N. Ucan, Onur Osman, Omer Erkan
Acta Technica Napocensis, 2002

Uluslararası

Turbo coded signals over wireless local loop environment

Osman N. Ucan, Onur Osman, S. Paker
International Journal of Electronics and Communications, 2002

Uluslararası

Comments on the Gravity and Magnetic Anomalies of Saros Bay using Wavelet approach

Osman N. Ucan, A. Muhittin Albora, Z. Mümtaz Hisarlı
Marine Geophysics, 2001

Uluslararası

Blind equalization of quadrature partial response trellis coded modulated signals in Rician fading

Hakan A. Cirpan, Osman N. Ucan
International Journal of Satellite Communications, 2001

Uluslararası

Trellis Coded Quantization Modulation over Rician Fading Channel

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International Journal of Applied Mathematics, 2001

Uluslararası

Evaluation of Akdag Iron Ore Reserves using Differential Markov Random Field DMRF

Osman N. Ucan, A. Muhittin Albora
Journal of The Balkan Geophysical Society, 2001

Uluslararası

Residual Separation of magnetic fields using a Cellular Neural Network Approach

A. Muhittin Albora, Atilla Ozmen, Osman N. Ucan
Pure Applied Geophysics, 2001

Uluslararası

Separation of Bouguer anomaly map using cellular neural network

A. Muhittin Albora, Osman N. Ucan, Atilla Ozmen, Tulay Ozkan
Journal of Applied Geophysics, 2001

Uluslararası

Separation of magnetic fields in geophysical studies using 2 D multi resolution Wavelet analysis approach

Osman N. Ucan, Serhat Seker, A. Muhittin Albora, Atilla Ozmen
Journal of the Balkan Geophysical Society, 2000

Uluslararası

Performance of Combined Trellis Coded Quantization Modulation over Wireless Local Loop Environment

Osman N. Ucan, Murat Uysal, Selcuk Paker
International Journal of Communications, 2000

Uluslararası

MAKALELER

Jitter Performance of Neural Network Equivalent MPSK Schemes Over Microwave Channels

Osman N. Ucan, Serhat Seker, Selcuk Paker

International Journal of Communication Systems, 1998

Uluslararası

Trellis Coded Quantization Modulation over Mobile Satellite Channel with Imperfect Phase Reference

UÇAN OSMAN NURİ

International Journal of Satellite Communications, 1998

Uluslararası

Performance Analysis of Modified Quadrature Partial Response Trellis Coded Modulation M QPR TCM Systems

UÇAN OSMAN NURİ

European Transaction on Telecommunications, 1997

Uluslararası

Jitter and Error Performance Analysis of Trellis Coded M PSK over Partial Response Fading Channel

UÇAN OSMAN NURİ

Electronic Letters, 1996

Uluslararası

Error Performance Analysis of Quadrature Partial Response Trellis Coded Modulation QPR TCM in Fading Mobile Satellite Channels

Erdal Panayirci, Umit Aygolu, Osman N. Ucan

IEEE Transactions on Communications, 1995

Uluslararası

Performance and Jitter Analysis of Quadrature Partial Response Trellis Coded Modulation Signals in the Presence of Intersymbol Interference and Colored Noise

Osman N. Ucan, Umit Aygolu, Erdal Panayirci

IEEE Journal on Selected Area in Communications, 1992

Uluslararası

Decoding of Quadrature Partial Response Trellis Coded Signals QPR TCM in the Presence of Intersymbol Interference And Noise

Osman N Ucan, Aygolu U, Panayirci E

Lecture Notes in Computer Science, 1991

Uluslararası

Causal Representation Learning for Joint Modeling and Mitigation of Coupled RF Impairments in MIMO Systems

MWM Al-Dulaimi, ON Ucan

MWM Al-Dulaimi, ON Ucan, 2026

Uluslararası DOI: <https://doi.org/10.3390/electronics15061289>

BİLDİRİLER

Detection and Classification of Melanoma by Analysis of Skin Lesions Using Teledermatology

Mohammed Alsarra Ammar Maher, UÇAN OSMAN NURİ

8th International Conference on Contemporary Information Technology and Mathematics (ICCITM), 2022

Uluslararası

Location Dependent Channel Characteristics for Implantable Devices

ILYAS MUHAMMAD, BAYAT OĞUZ, UÇAN OSMAN NURİ, Imran Muhammad Ali, Abbasi Qammer H

AECT, 2020

Uluslararası

Feature Extraction Based Wavelet Transform in Breast Cancer Diagnosis Using Fuzzy and Non fuzzy Classification

Pelin GORGEL, Ahmet SERTBAS, Osman N. UCAN

International Journal of Electronics, Mechanical and Mechatronics Engineering (IJEMME), 2013

Uluslararası

BİLDİRİLER

Genetic Algorithm and Image Processing for Osteoporosis Diagnosis

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Uluslararası

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Gorgel Pelin, Sertbas Ahmet, Ucan Osman N.

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Uluslararası

Destek vektör makineleri yaklaşımı ile kolonik polip tespiti

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Uluslararası

Discrete Wavelet transform for Otoman character recognition

UÇAN OSMAN NURİ

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Uluslararası

Hermitian Transform approach in classification of ECG signals

Olca Akbulut Kuruş, Niyazi Kılıç, Osman N. Ucan

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Uluslararası

Comparison of complex wavelet transforms and discrete wavelet transforms for hybrid skeletonisation approach

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Uluslararası

Computer aided detection of multiple sclerosis lesions from MR images of the human brain

Güldem Küçük, Osman N. Ucan, Niyazi Kılıç, Aladdin Sayın,

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Uluslararası

Image segmentation with complex wavelet and discrete wavelet transform

Murat Ceylan, Osman N. Ucan, Yüksel Özbay

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Uluslararası

Separation of Picasso and Braque paintings using wavelet and artificial neural Networks

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Nüket Sivri, Osman N. Ucan, Abdurrahim Akgundogdu, Zafer Aslan

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Uluslararası

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Uluslararası

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Uluslararası

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Uluslararası

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Uluslararası

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Transmission of 2D images using Kalman Turbo systems

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Uluslararası

Channel estimation anal tracking of wireless communication

Bayat O, Montlouis W, Shafai B, Osman N. Ucan, et al

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UÇAN OSMAN NURİ

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Uluslararası

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Conference Information: IEEE Sarnoff Symposium on Advances in Wired and Wireless Communication, 2005

Uluslararası

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Uluslararası

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BİLDİRİLER

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Uluslararası

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Uluslararası

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Ulusal Devam Ediyor

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Sanayi Bakanlığı (SAN-TEZ) Projesi,

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FAULT DIAGNOSIS IN OVERHEAD POWER LINE USING DEEP BELIEF NETWORK

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HADEEL BASIL SAADALLAH ALSULTAN

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Ultra-wideband monopole antenna and deep learning application for 6g MIMO

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Detection of malicious SQL injections using svm and KNN algorithms

SAMEER ABDULJABBAR KADHIM HACHAM

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Modern web - based decision support system for oil refinery workflow transformation with economic analysis

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DNS traffic based intrusion detection using modified KNN algorithm and feature weighting

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ISRAA ADIL MOHAMMED ALYSADEN

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An automated convolutional neural network model for the detection of brain tumours using MRI images

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image denoising using deep convolutional based on denasing autoencoder

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Segmentation of brain tumor MRI images using watershed thresholding

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Three-dimensional (3d) liver tumor detection with deep learning

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A new method for direct IoT devices communication with simultaneous optimization of system performance

LUMA ABDULNASER ALSAMARRAY

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Dynamic IoT hierarchical routing optimization using multi-heuristic clustering

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Secure medical data- health transmission based on integrating steganography and encryption

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Fake news detection via automated deep learning

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Artificial intelligence model for DDOS-detection

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Detection of denial-of service attacks using artificial neural networks

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MALWARE DETECTION IN IOTS USING HYBRID DEEP LEARNING TECHNIQUE

AMENAH DHAHIR HABEEB AL-FAHHAM

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A new software defined network (SDN) in IoTs based deep learning techniques

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Segmentation and 3D reconstruction of brain tumor using trust region particle swarm optimization tr-pso: A novel approach

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Conceptual understanding of deep learning for smart wireless neural network

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Compact MIMO Antenna Array for 5G Applications based Novel Modified-Koch Fractal Geometry

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Detection and classification of brain tumors in MRI images using deep convolutional neural network

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TEZ DANIŞMANLIKLARI**Predicting danger using artificial intelligence**

MUSTAFA AMEEN SULTAN AL-TAMEEMI

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A proficient image steganography method with effective data hiding and detection

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Performance monitoring of the breathing rate by using artificial intelligence algorithms

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Prediction breast cancer in fine needle aspiration images using machine learning

LAYTH ADNAN MAJEED ALABDALI

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Palm vein recognition by artificial neural network

SURA AHMED JABER JABER

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Using deep learning based classification algorithm to detect faults in turbine engines

ALİ AL-TAİE

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A new framework deep convolutional neural network for brain tumor detection

KARAM MUNIB ABDULMAJEED BAKAL

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New method based optimized machine learning techniques for attack detection in iots

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Phishing, spam and malware detection in emails using deep learning and anomaly detection filters

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MUSTAFA SAHER MOHAMMED ALHELLI

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Malware detection using machine and deep learning algorithms for computer devices

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Cyber security in e-government; A case study malware attack detection

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Predicting of distributed denial of service using machine learning algorithms

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Phishing attacks detection using deep learning approach

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Cybersecurity breaches and the role of ethical hackers in securing the online system of the organisation

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Artificial neural networks for electroencephalogram classification

ALI MOHSIN LATEEF ALKHAFAJI

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Detect Phishing Website by using machine Learning

ALI JASIM KHALEEF AH AL-JABERI

2021 Yüksek Lisans

TEZ DANIŞMANLIKLARI

Improvement of data transmission in fiber optical systems using VCSEL based erbium doped fiber amplifier (EDFA)

AHMED JAMAL AZEEZ ALYOUSUF

2021 Yüksek Lisans

Using machine learning algorithms for orthopedic classification

MOHAMEDSADEQ ABDULKHUDHR ALSAEDI

2021 Yüksek Lisans

Data management system in IoTs using deep learning technique

AMER BENAROUS

2021 Yüksek Lisans

Detection of malicious URLs using machine learning

RAED HAMEED GBURI

2021 Yüksek Lisans

Building e-government solution system with interoperable GIS solutions using blockchain driven nhibernate mapper

NAWAR ABDULRIDHA YAHYA AL-KHAFAJI

2021 Yüksek Lisans

E-learning based mobile application for kids with autism spectrum disorder

TARIK MOHAMMED ABDULJABAR

2021 Yüksek Lisans

Design a smart home automation system using the IoT device cloud

YEHYA EL MOHAMAD

2021 Yüksek Lisans

Political optimizer: An adaptive social group optimization using harris hawk and jellyfish searching techniques

IHAB KHALDOON KHUDHUR ALTAEE

2021 Yüksek Lisans

DDOS attacks detection using machine learning models in SDNS

MOHAMMED AL-ADEMI

2021 Yüksek Lisans

Signing digital documents using private keys extracted fromfingerprint templates

OMAR MOHAMMED YOUNUS YOUNUS

2020 Yüksek Lisans

Üniversitelerde kurumsal web sitelerinin tasarım ve kullanılabilirlik analizleri

HATİCE AKKAYA

2020 Yüksek Lisans

Comparison of various algorithm for intrusion detection in data mining

HASAN M.HUSSEIN M.ALI NASSRULLAH

2020 Yüksek Lisans

INTELLIGENT HOME AUTOMATION ANDSECURITY SYSTEM WITH INTERNET OFTHINGS

INAS MOHANAD DAWOOD AL-JANABI

2020 Yüksek Lisans

A POWER EFFICIENT FRAMEWORK FOR DISTRIBUTED SEARCH DURING DISASTERS

ALSAJJAD HAYDER HASAN ALHASAN

2020 Tıpta Uzmanlık

Intrusion detection and classification in internet of things networks using machine learning

OMAR KHUDHAIR EKHLAYEF EKHLAYEF

2020 Yüksek Lisans

TEZ DANIŞMANLIKLARI

ENHANCEMENT THE CONNECTING OF RFID WITH TO INTERNET BY USING HETEROGENEOUS NETWORKING

FAHAD ABDULATEEF YASEEN ALDOORI

2020 Yüksek Lisans

ARTIFICIAL INTELLIGENCE BASED DIGITAL IMAGE PROCESSING SYSTEM FOR FACE RECOGNITION ON MULTICORE PLATFORM

OMER NAJI KYATO KYATO

2020 Yüksek Lisans

Internet of things with health care for Configuration and management devices

HAYDER ABDULATEEF WAHEEB AL-AZZAWI

2020 Yüksek Lisans

BİR FİLTRELEME VE CİNSİYET TESPİTİ KNN ALGORİTMASINA DAYALI SES ÖRNEĞİ VE BULANIK MANTIK DENOISER

ABDULLAH ABBAS YOUSIF ALABDULLAH

2020 Yüksek Lisans

ANALYSIS ENERGY MANAGEMENT SYSTEM HYBRID FOR SMART GRID STABILITY BASED ON STATIC VAR COMPENSATOR WITH ANN

ABDULLAH SATTAM DHEYAB DHEYAB

2020 Yüksek Lisans

SEYAHAT SATIŞI SORUNUNUN ÇÖZÜMÜ İÇİN FARKLI TEKNİĞİN KARŞILAŞTIRILMASI İÇİN DEĞİŞTİRİLMİŞ BALİNA OPTİMİZASYON ALGORİTMASININ KULLANILMASI

MOHAMMED ISAM DHAHİR IMARAH

2020 Yüksek Lisans

IOT FRAMEWORK FOR QUADCOPTER-UAV CONTROLLING USING LIGHTWEIGHT BLOCKCHAIN AND 5G COMBINATION

MOHANAD MOHAMMED KHAYOON ALSAGBAN

2020 Yüksek Lisans

DATA MINING APPLICATIONS IN TOURISM: COMPARATIVE ANALYSIS

HUSSEIN MOHAMMED HOODI AL-RAMMAHI

2020 Yüksek Lisans

FEED FORWARD NEURAL NETWORK PERFORMANCE OPTIMIZATION USING WEIGHT INITIALIZATION AND PSO ALGORITHM ON MEDICAL DATA

MAHMOOD JAMAL FADHIL AL-QASSAB

2020 Yüksek Lisans

NON-RETURN-TO-ZERO HYBRID PAM-PPM METHOD FOR VISIBLE LIGHT COMMUNICATION

ZAINAB FADHIL ABBAS ALATTAR

2020 Yüksek Lisans

Using data mining techniques to explore patterns of academic achievement effects for high school students

KARRAR ALI

2020 Yüksek Lisans

"HAND GESTURE RECOGNITION USING HUMAN COMPUTER RECOGNITION"

HASAN MOHAMMED TAQI SALIH AL BDAIR

2020 Yüksek Lisans

FACTORS AFFECTING THE ADOPTION OF CLOUD COMPUTING IN IRAQ GOVERNMENT SECTOR

HAEDEL RIYADH KAREEM AL-SALIH

2020 Yüksek Lisans

TEZ DANIŞMANLIKLARI

Highway traffic classification using data mining in machine learning

KHALID FARHAN MOHAMMED MOHAMMED

2020 Yüksek Lisans

AN EXPERT SYSTEM TO PREDICT EYE DISORDER USING DEEP CONVOLUTIONAL NEURAL NETWORK

MOHAMMED RASHID AHMED AHMED

2020 Yüksek Lisans

Sentiment analysis for cryptocurrency prices prediction

ALI ADNAN AHMED AHMED

2020 Yüksek Lisans

BIG DATA SECURITY COMPARATIVE ANALYSIS OF SYMMETRIC ALGORITHMS INTEGRATION ON APACHE SPARK

AHMED MAZIN SHIHAB AL-DAKHEEL

2020 Yüksek Lisans

DESIGN AND SIMULATION OF BUILDING MANAGEMENT SYSTEM

AHMED SADY SALMAN AL-KUBAISI

2020 Yüksek Lisans

MODIFIED LIFI SYSTEM USING 4X1 WDM

MOHAIMEN AMMAR IBRAHEEM MOHAMMED

2020 Yüksek Lisans

DESIGN AND SIMULATION OF DECIMATION FILTER FOR GSM COMMUNICATION SYSTEM USING MATLAB

YASMEEN TAHA YASEEN AL-KHALIDY

2020 Yüksek Lisans

EFFICIENT MONITORING AND CONTROL SYSTEM FOR HYBRID SMART GRIDS USING FUZZY LOGIC AND IOT

TEISEER ABDALHAFATH ABDALATEF ALZUBAIDI

2020 Yüksek Lisans

ANALYSIS AND DESIGN OF AN INTELLIGENT CONTROLLER FOR SOLAR CELLS BASED ON FPGA AND FIREFLY ALGORITHM

MUSTAFA ADIL HUSSEIN AL-WAELI

2020 Yüksek Lisans

UNIFIED REAL TIME OBJECT DETECTION USING CONVOLUTIONAL NEURAL NETWORK

HAMID RADAM HUSSEIN OBAIDI

2020 Doktora

COMPARISON BETWEEN EAGER METHODS AND LAZY METHODS FOR CLASSIFICATION DATA MINING ALGORITHMS

ABEER MOHAMMED SHANSHOOL SHANSHOOL

2020 Yüksek Lisans

ANALYZE BLOCKCHAIN DEPLOYMENTS AND POPULAR CRYPTOCURRENCIES FOR BUSINESS SECTORS

ALI KHALID WELI WELI

2020 Yüksek Lisans

Project management and security of electronic platforms for the software-defined radio

AHMED ESSAA ABED AL-OWAIDI

2020 Yüksek Lisans

DATA MINING USING WEKA AND RAPIDMINER

DEAA ALDEEN FAISAL ABBAS ABBAS

2020 Tıpta Yan Dal Uzmanlık

TEZ DANIŞMANLIKLARI

WI-FI LOCATION FINGERPRINTING BASED INDOOR POSITIONING

MOHAMMED ISSA MOHAMMED MOHAMMED

2020 Yüksek Lisans

Data security and authentication over computer communication networks and the internet

TAHA ALI KHALEEL AL-AZAOOI

2020 Yüksek Lisans

Digital image cryptogrphy using chaotic logistic map

YOUNUS TAHREER YOUNUS YOUNUS

2020 Yüksek Lisans

Improving the limitations in the capacity of fiber optics using modified nonlinear fourier transform

QUSAY MUAAD ALI

2020 Yüksek Lisans

Performance enhancement of palm recognition system by robust machine learning approaches

LAYTH MOHAMMED ABBAS AL-MASHHADANI

2020 Yüksek Lisans

Sezgisel yöntemlerle market sepet analizi

FUAT GENÇ

2020 Yüksek Lisans

MODELING AND CONTROL RENEWABLE ENERGY SYSTEM CONNECTED TO AC GRID

MAHMOOD YASEEN MOHAMMED AL-DULAIMI

2020 Yüksek Lisans

Efficient construction cost estimation software using convolutional neural network and particle swarm optimization algorithm (PSO)

MOHANAD MOHAMMED HAMAD ALSABAawi

2020 Yüksek Lisans

CLASSIFYING ECG TO DETECT HEARTDISEASES USING IMPROVED ARTIFICIALINTELLIGENCE (AI) TECHNIQUES

MOHAMMED SHAMAR YADKAR YADKAR

2020 Tıpta Uzmanlık

FOCUS ON MESSAGE ROUTING IN WIRELESS SENSOR NETWORKS AND ARDUINO PORT OF WSN PROTECT-LAYER

KARRAR SADDAM ALI AL-NOORIBANİHASHİM

2020 Yüksek Lisans

DETECTING AND CLASSIFYING LIVER FIBROSISSTAGE USING GADOXETIC ACID-ENHANCEDMAGNETIC RESONANCE IMAGING

HAYDER ABDULKAREEM QASIM ALMOLLA

2020 Yüksek Lisans

A hybrid local search-genetic algorithm for placement of dg units and shunt capacitors in radial distribution system

EMAD ALI ALMABSOUT

2020 Doktora

Automatic generation control using deep reinforcement learning

YASEEN SAADI ABBAS ABBAS

2020 Yüksek Lisans

DESIGN AND EVALUATION OF A NETWORKINTRUSION DETECTION SYSTEM

EZZADDIN MAHDI JAWAMEER AL-SHAMMARI

2020 Yüksek Lisans

TEZ DANIŞMANLIKLARI

A DATA MINING TECHNIQUE FOR ANALYZING AND PREDICTING THE HITS OF VIDEO GAMES

AMJED SABBAR KOKAZ KOKAZ

2020 Yüksek Lisans

Methods viable for anomaly detection of application-level network

BAQAR ASSAM HATAF ALQWEZI

2020 Yüksek Lisans

Handle an emergency in the traffic light using artificial intelligence

HAYDER ABDULKAREEM QADER IBADI

2020 Yüksek Lisans

Hepatitis C virus prediction using krill herd trained artificial neural network

SAFA AKRAM YOUNIS YOUNIS

2020 Yüksek Lisans

Body health monitoring and alarm system by using android wear device

DOAA GHAZI ABDULWAHID AL-MAFRACHI

2020 Yüksek Lisans

Distributed denial of service (DDOS) detection in IoT sensors by using deep learning technique

OMAR AHMED

2020 Yüksek Lisans

The possibility of using machine learning to extract the user actions from the mobile devices data

HUDA ABDULWAHID ABBAS

2020 Yüksek Lisans

STIMATION OF DIRECTION OF ARRIVAL FOR ANTENNA ARRAY BASED ON (ESPBIT) AND MULTIPLE SIGNAL CLASSIFICATION ALGORITHMS

SABAH SALAM KHUDHAIR AL-ZIRJAWI

2020 Yüksek Lisans

Predicting power consumption using artificial neural networks algorithms

JUHAINA THAKIR MAHMOOD

2020 Yüksek Lisans

Real-time prediction the rate of penetration using machine learning

KHALID JAMAL MAALAGH

2020 Yüksek Lisans

The ability of neural networks to solve biomedical image segmentation task

ZİNAH ABDULLAH AHMED

2020 Yüksek Lisans

Accuracy enhancement of brain epilepsy detection by using of machine learning algorithms

RAND NATIQ NEAMAH AL-DAHMAN

2020 Yüksek Lisans

CLASSIFICATION OF DDOS, SYNWARE & TROJANS USING DATA MINING

SARMAD DHEYAA AZEEZ ABU-ALTEMEN

2020 Yüksek Lisans

Introduce a distributed complex event processing architecture for network monitoring

ASHJAN ADNAN AL-MOHAMMED

2020 Yüksek Lisans

The New Machine learning Techniques for Facebook Comment Volume Estimation

MOHANAD ABDULRAHEEM MAHMOOD MAHMOOD

2020 Yüksek Lisans

TEZ DANIŞMANLIKLARI

Automatic analysis and detection of malware behavior using machine learning for computer device

ABDULLAH QASSIM ALI

2020 Yüksek Lisans

Implementation a various types of machine learning approaches for biomedical datasets based on sickle cell disorder

HAMİD FALAİ DHEYAB

2020 Yüksek Lisans

The automation of bug assignment using machine learning algorithms

ALİ EMAD MOHSİN ALBREEJ

2020 Yüksek Lisans

Development of a voice filter and enhancement method based on deep learning

ADNAN ABDULLAH ATIYAH

2020 Yüksek Lisans

HYBIRD METHODS USING EDMS AND GAPOR FOR SHAPE AND TEXTURE

ZUBAİDAH ALİ SAHİB AL MUSTAWFİ

2020 Yüksek Lisans

NAVIGATING ROBOTS IN A COMPLEX ENVIRONMENT WITH MOVING OBJECTS USING ARTIFICIAL INTELLIGENCE

OMAR MAHMOOD YASEEN YASEEN

2020 Yüksek Lisans

Design and implement a big data processing platform suitable for smart grids data

LUMA KHALİD LUHAİBİ

2020 Yüksek Lisans

Study and evaluate a mechanism that is able to highlight the legal documents

HUSAM ADEL ALİ ALSHUWAILİ

2020 Yüksek Lisans

MULTI-BIOMETRIC GENDER CLASSIFICATION USING MACHINE LEARNING TECHNIQUES

DIYAR WİRYA OMAR AMEENULHAKEEM

2020 Yüksek Lisans

Study and evaluate quantization methods for secret key extraction using the fading characteristics of a wireless channel

HUSSEİN THAER NAMOOS AL-DAFFAİE

2020 Yüksek Lisans

Recent techniques used to detect botnet activities within the network using netflow data and botnet detection in virtual environments

MOHAMMED HASOONİ JASİM AL-YASİRİ

2020 Yüksek Lisans

Channel estimation for mimo-ofdm communication system based on deep neural networks

ALİ KHAİRİ AHMED ALTOOHAFİ

2020 Yüksek Lisans

Visible light communication system using 8x1 WDM

HAMZAH MUSTAFA RASİM ZAKARİYA

2020 Yüksek Lisans

Real-time detection to solve traffic congestion problems

HAİDER ADİL KHALEEL AL-ZUBAİDY

2020 Yüksek Lisans

TEZ DANIŞMANLIKLARI

REINFORCEMENT LEARNING AGENT PLAYING VIDEO GAMES USING CONVOLUTIONAL NEURAL NETWORK

AHMED SALAM AHMED DULAIMI

2020 Yüksek Lisans

Face Detection and Tracking System Using Raspberry Pi

MUSTAFA ABDULSATAAR ABED ABED

2020 Yüksek Lisans

Investigation of emotional state using machine learning techniques based on complexity and spectral features of electroencephalogram

AHMED M. ABDALLA MOHAMED

2020 Doktora

Deep learning based fully autonomous network intrusion detection system

ZAID FARHAN DAKHIL DAKHIL

2020 Yüksek Lisans

2d map generation and path exploration based on lider system

MUSTAFA MOHAMMED ABDULKAREEM AL RAWAF

2020 Yüksek Lisans

A new computer network system for intrusion detection system (ids) detection in ad hoc network based on optimized data mining techniques

DUNYA IBRAHIM MOHAMMED MOHAMMED

2020 Yüksek Lisans

Improvement of data transmission in fiber optical systems using vcsel based erbium doped fiber amplifier (EDFA)

AHMED JAMAL AZEEZ ALYOUSUF

2020 Yüksek Lisans

Segmentation and Classification of Dermoscopic Images for Detection of Melanoma Cancer in Early Stage Using Image Processing Techniques

MOHAMMED IBRAHIM AHMED AL-MASHHADANI

2019 Doktora

Adaptive Video Transmission over Communication Networks

GHAIDQ NASSR NAFEA NAFEA

2019 Yüksek Lisans

Breast cancer detection and image evaluation using augmented deep convolutional neural network

SAADALDEEN RASHID AHMED AHMED

2019 Yüksek Lisans

An indoor positioning system using ultrasonic waves

DOAA ALI JUMAAH ZIRJAWI

2019 Yüksek Lisans

Cyber attack detection in remote terminal units of SCADA system

ALI HASAN DAKHEEL

2019 Yüksek Lisans

Minimum error design of software defined radio transceiver model using MATLAB

MOHAMMED WALEED MAJEED AL DULAIMI

2019 Yüksek Lisans

Evaluation of ethernet-serial protocol converter for SCADA systems using raspberry Pi

HAMZAH HAMEED JASIM

2019 Yüksek Lisans

TEZ DANIŞMANLIKLARI

Design and implementation of smart anti-theft car security system based on arduino UNO microcontroller

SHAKIR MAHMOOD AHMED AL-JANABI

2019 Yüksek Lisans

Design and implementation of web based for intermediate online shop by using MVC laravel framework

MOHAMMED THAKIR MAHMOOD

2019 Yüksek Lisans

An analysis of accessibility in learning management system in the context of higher education institution

LAYTH HANI MAHDI ALSAMARAI

2019 Yüksek Lisans

Integration of the quality of service (QOS) in networked cloud computing system

HAITHAM AHMED YASEEN

2019 Yüksek Lisans

Pattern-based behavioral biometric authentication using artificial neural networks

ALI SAAD HUSSEIN AL-NASER

2019 Yüksek Lisans

medical video enhancement

AHMED RASHID IBRAHIM ALABD

2019 Yüksek Lisans

INTELLIGENT SYSTEM FOR PREDICTING BEHAVIOR OF ELECTRICAL ENERGY CONSUMPTION

NAAMA METHAB ATHAB ATHAB

2019 Yüksek Lisans

Design and implementation of an electronic DC- AC inverter based on the arduino microcontroller monitoring via IoT

MURAD IRFAN AKRAM

2019 Yüksek Lisans

Simulation of wireless sensor network based communication system

ABDULRAHMAN MOHAMED ABUDLRAHMAN ALMAAWI

2019 Yüksek Lisans

Bypassing the signal imperfections by means of wireless PID controller

HARITH MUTHANNA NOORI

2019 Yüksek Lisans

Passive detection of islanding events in microgrids using machine learning

ALI MAJEED MOHAMMED AL YASIRI

2019 Yüksek Lisans

Miniature microstrip antenna for wireless communication using fractal and non-fractal geometries

ALI RASHID ABDULHAMEED

2019 Yüksek Lisans

Centralized reinforcement learning for the internet of things devices

AHMED HEFDHI HUSSEIN HUSSEIN

2019 Yüksek Lisans

Visible light communication system using 4x1 WDM

MUSTAFA IHSAN MUSTAFA

2019 Yüksek Lisans

EFFICIENT EVOLUTIONARY ALGORITHMS FOR MANY OBJECTIVE OPTIMIZATION PROBLEMS

HAYDER HASSAN SAFI SAFI

2019 Doktora

TEZ DANIŞMANLIKLARI

Efficient unconstrained iris recognition system based on CCT-like mask filter bank

HALA NAFİE FATHEE

2019 Doktora

MULTI VERSE OPTIMIZER ALGORITHM FOR OPTIMAL PLACEMENT AND SIZE OF DISTRIBUTED GENERATION IN RADIAL DISTRIBUTION SYSTEM

RAND SAFİ ABDULLAH ABDULLAH

2019 Tıpta Uzmanlık

Fingerprint pattern recognition system based on modify multi-connect architecture (MMCA)

LAYTH KAMIL ADDAY AL MAJMAIE

2019 Doktora

UNIT COMMITMENT PROBLEM SOLVED BY HYBRID SWARM ALGORITHMS

MAATHER ABDULRAHMAN IBRAHİM ALSHAİBİ

2019 Doktora

Effective integration of data mining techniques with businessintelligence using web mining

OMER MUNEAM MUSHREF

2019 Yüksek Lisans

Design and implementation of bi-directional audio and video conferencing based on web real-time communication

ABDULLAH ALİ TAHSEEN AL-NAJJAR

2019 Yüksek Lisans

Automatic turbine speed control using integer and fractional order PID controller based on genetic algorithm

AHMED AYAN OBED

2019 Yüksek Lisans

ANALYZING THE ALTITUDE VARIATION EFFECTS ON OPTICAL CHANNEL PERFORMANCE

OLAİA MOSBAH A. BOURTEMA

2019 Yüksek Lisans

Aes-turbo over rician and rayleigh fading channels

MUSTAFA RİYADH AHMED ALBANNA

2019 Yüksek Lisans

Comparative study of intrusion detection system using machine learning

MAHMOOD İMAD ABDULKAREEM

2019 Yüksek Lisans

Designing insistance-aware medium access control protocol and energy conscious routing protocol in a quality-of-service guaranteed wireless body area network

ABDULLAHI ABDU İBRAHİM

2019 Doktora

Kullanıcı deneyim tasarım veri analiz sistemi

ALİ İHSAN ÖZ

2019 Yüksek Lisans

Optimization of Electrical Charging Station Capacity

ABDULGADER H. ABDULGADER ALSHARİF

2018 Yüksek Lisans

Implementation of Different Clustering Algorithms

AMNA MOHAMED M. ABURAS

2018 Yüksek Lisans

Collaborative filtering recommendation system: Comparison study

İNAS AMJED MOHAMMED AL-MANİ

2018 Yüksek Lisans

TEZ DANIŞMANLIKLARI

Computer communication network reliability: Evaluation of two-terminal reliability

ZAHRAA MUSTAFA ZAIDAN

2018 Yüksek Lisans

**DRONE SWARM CONFIGURATION FOR HIGH- RESOLUTION SURVEILLANCE WITH LONG CODE ONBOARD
FREE-SPACE OPTICAL COMMUNICATION**

WAMIDH JALIL MAZHER MAZHER

2018 Doktora

Heuristic optimization approaches for feature selection in biomedical datasets

HADEEL TARIQ IBRAHIM IBRAHIM

2018 Doktora

Implementing Pulse Position Modulation Using Field-Programmable Gate Array

MURTADHA MOHAMMEDALI HADI ALKADHMI

2018 Yüksek Lisans

**Steady the distortion of the transmitting data due to the spectral shift effect of semiconductor laser with increasing of
frequency in optical communication systems**

MUSTAFA GHAZI FAHAD AL-AZZAWI

2018 Yüksek Lisans

Low cost high speed data acquisition board for laboratory laser system

BARAA SAAD ABDULHAKEEM ABDULHAKEEM

2018 Yüksek Lisans

Metaheuristic algorithms to enhance artificial neural network for medical data classification

IHSAN SALMAN JASIM AL GBURI

2018 Doktora

**ADVANCED FACE RECOGNITION SYSTEM USING NOVEL TECHNIQUE BASED ON LINEAR REGRESSION
SLOPE**

ABDULBASIT KADHIM SHUKUR AL-AZZAWI

2018 Doktora

SIMULATION SYSTEM FOR SECURITY SENSING SERVICES BASED ON INTERNET OF THINGS

ALI TARIQ KALIL AL KHAYYAT

2018 Yüksek Lisans

Prediction of epileptic seizures with the use of biomedical sensors and internet of things

ALLA FIKRAT MAJEED AL WINDAWI

2018 Yüksek Lisans

**ENERGY EFFICIENT CLUSTERING HEAD SELECTION, ROUTING AND ATTACKER NODE DETECTION IN
WIRELESS SENSOR NETWORK USING GA-ANFIS and WEIGHTED TRUST EVALUATION**

SHAYMAA QAYDAR ABDULJABBAR AL HAYALI

2018 Doktora

Fingerprint classification techniques using DWT with SVM and LDA

ABDELSALM M.A. EHOEDY

2018 Yüksek Lisans

Improving ids alerts to improve the quality of the network security by using data mining techniques

ISAM KAREEM THAJEEL THAJEEL

2017 Yüksek Lisans

İğnecikli sinir ağları ile ses kaynağı sınıflandırma

PEREN JERFİ CANATALAY

2016 Yüksek Lisans

TEZ DANIŞMANLIKLARI

RF iletişimli mobil robot kolu

GÖKHAN EŞGİ

2016 Yüksek Lisans

İki eksenli güneş izleme panelinin kontrolü

GÖKHAN ORAL

2015 Yüksek Lisans

Aydınlatma led kaynaklarının enerji verimliliğinin incelenmesi

TEMEL SÖNMEZOCAK

2015 Yüksek Lisans

Koçan tabanlı uyarlanabilir kanal denkleştirme

NOOR AHMED

2013 Yüksek Lisans

Elektrik talebi ve elektrik piyasası fiyatlarının kısa dönemde tahmin edilmesi

ONUR YAZGAN

2013 Doktora

Görüntü işleme teknikleri kullanılarak, 2-boyutlu mamografik verilerde kanserli bölge tanısı

PELİN GÖRGEL

2011 Doktora

Hermitian transform tabanlı yöntemlerle sayısal işaretlerin değerlendirilmesi

OLCAY AKBULUT KURUŞ

2011 Doktora

Beyin magnetik rezonans görüntülerinin segmentasyonu

GÜLDEM KÜÇÜK

2010 Yüksek Lisans

Düşük yoğunluklu parite kontrol kodları

EMEL DEMİRYAKAN

2010 Yüksek Lisans

OFDM tabanlı haberleşme kanallarında LDPC kodlama

AZİZ YILMAZ

2010 Doktora

Telemedikal elektrokardiyografi sinyallerin yapay sinir ağları ile değerlendirilmesi

YASHAR M. JWMAH

2010 Yüksek Lisans

Bilgisayar tomografili akciğer görüntülerinin değerlendirilmesinde kompleks değerli yeni bir akıllı sistem tasarımı

MURAT CEYLAN

2009 Doktora

Ses sıkıştırma tekniklerinin başarımların analizi

DİNÇER YARIMÇAM

2009 Yüksek Lisans

Analysis and design of synchronous/asynchronous cooperative communication systems

MÜMTAZ YILMAZ

2009 Doktora

Trabeküler kemik yapılarının yapay zeka yöntemleri ile modellenmesi

ABDURRAHİM AKGÜNDOĞDU

2009 Doktora

TEZ DANIŞMANLIKLARI

Katı atık düzenli depolama gazlarının genetik algoritmalarla modellenmesi

HÜSEYİN KURTULUŞ ÖZCAN

2009 Doktora

Birleşik şifreleme ve turbo kodlama sistemleri

VOLKAN ÖZDURAN

2008 Yüksek Lisans

Bilgisayarlı tomografi görüntülerinde üç boyutlu şablonlar kullanılarak kolonik polip tespiti

NİYAZİ KILIÇ

2008 Doktora

Doğrusal öngörülü kodlama ve adaptif algoritma tabanlı konuşmacı tanıma

ONUR MERAL

2008 Yüksek Lisans

Güç iletim hatlarında ortogonal frekans bölmeli çoğullama ile başarı analizi

EVREN KORALTÜRK

2008 Yüksek Lisans

Sayısal mammografi görüntülerinin iyileştirilmesi

ALİ ÜLGEN

2008 Yüksek Lisans

Duygusal zeka modeli oluşturulması

ÖMER FATİH SAYAN

2008 Doktora

GSM sistemlerde lokasyon tespiti

ULAŞ ÇELENK

2007 Yüksek Lisans

Geometrik inşa kodlarının üretimi ve başarımı

TUGAY AKBAŞ

2007 Doktora

Yapay sinir ağları ile beyin tümörü tomografi görüntülerinin sınıflandırılması

SERDAR KARGIN

2007 Yüksek Lisans

Ağırlıklı dalgacık ağları ve uygulamaları

HASAN DEMİR

2007 Doktora

Adaptive and Iterative Equalization Transceiver Designs for Wireless Communication Applications

Oğuz Bayat

2006 Doktora

Lmids'in (yerel çok noktalı dağıtım sistemi) İstanbul'daki başarımının incelenmesi

YÜCEL TÜRKER

2006 Yüksek Lisans

Sürekli faz modülasyonunun çok düzeyli turbo kodlanması

NİYAZİ ODABAŞIOĞLU

2006 Doktora

İteratif ayrıştırılabilir blok kodlar

GÖKMEN ALTAY

2005 Doktora

TEZ DANIŞMANLIKLARI

Bilgisayar ağı yapılarında en iyileme teknikleri

OLCAY AKBULUT

2005 Yüksek Lisans

Düşük yoğunluklu parite kontrol kodlarının hata başarımı

YEŞİM HEKİM

2005 Yüksek Lisans

Turbo kodlama tekniklerinin başarımı

ONUR OSMAN

2004 Doktora

Hücrel yapay sinir ağı-markov rasgele alan (HYSA-MRA) yöntemi ve yerbilimlerine uygulamaları

HANDE BARGU

2004 Yüksek Lisans

Biyomedikal işaretlerin Markov rastgele alanları kullanılarak işlenmesi

NİYZİ KILIÇ

2003 Yüksek Lisans

Bulanık-yapay sinir ağı ile biyomedikal görüntü işlenmesi

ABDURRAHİM AKGÜNDOĞDU

2003 Yüksek Lisans

Kısmi yanıtı sönümlemeli kanallarda uzay-zaman kodlamalı sistemlerin hata başarımı

ÖMER ERKAN

2003 Yüksek Lisans

Developing A Mechanism For Learning In Engineering Environments

Martin Ziarati

2002 Doktora

Hücrel sinir ağı (CNN) modelleri

GÜNAY KURTULDU

2002 Yüksek Lisans

Sürekli faz modülasyonu haberleşme sistemlerinin hata başarımı

MUSTAFA TOLUNAY

2002 Yüksek Lisans

Sanal özel ağlarda güvenlik

ÖZGÜR SAVUR

2002 Yüksek Lisans

Sürekli faz modülasyonlu kaynak/ kanal sistemlerin sönümlemeli ortamlarda hata başarımı

NİYZİ ODABAŞIOĞLU

2002 Yüksek Lisans

Rastgele markov alanları ve hücrel sinir ağı ile görüntü işleme

MAHMUT ŞAMİL SAĞIROĞLU

2001 Yüksek Lisans

Hücrel yapay sinir ağı ve görüntü işleme uygulamaları

ATILLA ÖZMEN

2001 Doktora

Yapay sinir ağı ile bitkilerin şekillerinin sınıflandırılması (yapraktan bitki tanıma)

ERDEM BİLGİLİ

1999 Yüksek Lisans

DERSLER

DERSLER

Ders Türü	Ders Kodu	Ders Adı
Yüksek lisans	EM597	SEMİNER
Yüksek lisans	BT597	SEMİNER
Yüksek lisans	ECE597	SEMINAR
Doktora	ECE698	THESIS PROPOSAL
Doktora	ECE699	DOCTORAL THESIS
Yüksek lisans	EBM597	SEMİNER
Lisans	CULT101.1	CULTURE AND SOCIETY
Lisans	SRP102.1	SOCIAL RESPONSIBILITY PROJECT
Lisans	TOS102.1	TOPLUMSAL SORUMLULUK PROJESİ
Lisans	EE332	INTRODUCTION TO COMMUNICATION THEORY

KİŞİSEL BİLGİLER**İLETİŞİM BİLGİLERİ**

Görüşme Saatleri: Salı- 13:00 - 14:00

Mahmutbey Teknoloji Yerleşkesi

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