Prof. Dr. OSMAN NURİ UÇAN

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EDUCATIONAL INFORMATION

Degree	University	Department	Year(s)
Doctoral Degree	Istanbul Technical University	Electronics and Communication Engineering (Phd)	1991 - 1995
Master's Degree	Istanbul Technical University	Department of Electronics and Communication Engineering	1985 - 1988
Bachelor's Degree	Istanbul Technical University	Department of Electronics and Communication Engineering	1980 - 1985

RESEARCH AREAS

ACADEMIC DUTIES

Duty	University	Area	Year(s)
Professor	Altinbas University	Department of Electrical and Electronics Engineering	2016 -
Professor	Istanbul Aydin University	Department of Electrical and Electronics Engineering	2010 - 2016
Professor	Istanbul University	Electronics Engineering Department	2004 - 2010
Associate Professor	Istanbul University	Electronics Engineering Department	1998 - 2004
Assistant Professor	Istanbul University	Electronics Engineering Department	1997 - 1999
Research Assistant	Istanbul Technical University	Department of Electronics and Communication Engineering	1986 - 1996

ADMINISTRATIVE DUTIES

Duty	University	Year(s)
Commission Chairmanship	Altinbas University	2024 -
Faculty Executive Board Member of Engineering and Architecture Faculty	Altınbaş University	2024 -
Faculty Executive Board Member of Communication Faculty	Altınbaş University	2024 -
Faculty Board Member of Communication Faculty	Altınbaş University	2024 -
Faculty Executive Board Member of Fine Arts and Design Faculty	Altınbaş University	2024 -
Faculty Board Member of Fine arts and Design Faculty	Altınbaş University	2024 -
Dean	Altinbas University	2021 - 2024
Head of Department	Altinbas University	2016 - 2024
Dean	Altinbas University	2016 - 2020
Dean	Istanbul Aydin University	2012 - 2016

Head of Department	Istanbul University	2006 - 2010
Deputy Head of Department	Istanbul University	1997 - 2000
Assistant Dean	Istanbul University	1997 - 1999

ACADEMIC AND PROFESSIONAL MEMBERSHIPS

Organisation	Membership	Year(s)

NON-UNIVERSITY EXPERIENCE

Country	Organisation	Duty	Year(s)
Turkey	Netaş	Independent Board Mamber	2024 -

BOOKS

ECVET Digital Platform Leonardo Da Vinci Projesi
UÇAN OSMAN NURİ
???, , 2013
Book Translation All

Contemporary coding techniques and applications for mobile communications
Onur Osman, Osman N. Ucan
Taylor and Francis, ISBN 978-1-4200-5461-3, 2009
Scientific Book All

Görüntü işleme teknikleri ve Mühendislik Uygulamaları
Osman N. Ucan, Onur Osman, A. Muhittin Albora
Nobel Yayın, ISBN 9944-77-051-5, 2006
Scientific Book All

Haberleşme Teorisi ve Mühendislik Uygulamaları
Osman N. Ucan, Onur Osman
Nobel Yayın, ISBN 9944-77-039-6, 2006
Scientific Book All

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
Scientific Book Chapter(s)

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
Scientific Book Chapter(s)

ARTICLES

Evaluation of Deep Transfer Learning Methodologies on the COVID-19 Radiographic Chest Images
Al-azzawi Athar, Al-jumaili Saif, Duru Adil Deniz, GÖKSEL DURU DİLEK, UÇAN OSMAN NURİ
TRAITEMENT DU SIGNAL, 2023
International DOI: 10.18280/ts.400201

Secure banking and international trade digitization using blockchain
Hameed Alsalim Muhammed Sabah, UÇAN OSMAN NURİ
Optik, 2023
International DOI: 10.1016/j.ijleo.2022.170269

ARTICLES

Fully automatic liver and tumor segmentation from CT image using an AIM-Unet
ÖZCAN FIRAT, UÇAN OSMAN NURİ, KARAÇAM S., DUYGU T.
BIOENGINEERING, 2023
International 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
International 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
International 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
International 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
International 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
International 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
International DOI: 10.1016/j.compbiomed.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
International

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
International

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
International

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
International

ARTICLES

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
International

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
International

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
National

Hermitian transform approach in classification of ECG signals
Olcay Akbulut Kurus, Niyazi Kilic, Osman N. Ucan
Fen Bilimleri Dergisi (IAU-FBD), 2010
National

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
International

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
International

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
International

A Wavelet Based Mammographic Image Denoising and Enhancement with Homomorphic Filtering
UÇAN OSMAN NURİ
JOURNAL OF MEDICAL SYSTEMS, 2010
International

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
International

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
International

Evaluation of face recognition techniques using PCA wavelets and SVM
UÇAN OSMAN NURİ
Expert Systems with Applications, 2010
International

ARTICLES

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
International

Performance of joint multilevel AES LDPCC CPFSK schemes over wireless sensor networks
Cam H, Osman N. Ucan, Odabasioglu N, Sonmez AC
International Journal of Communıcation Systems, 2010
International

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
International

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
National

Mammographic mass classification using wavelet based support vector machine
Pelin Görgel, Ahmet Sertbas, Niyazi Kilic, Osman N. Ucan, Onur Osman
Istanbul University-Journal of Electrical &Electronics (IU-JEEE), 2009
National

Colon segmentation and colonic polyp detection using cellular neural Networks and three dimensional template matching
UÇAN OSMAN NURİ
Expert Systems, 2009
International

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
International

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
International

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
International

Determination of relationship between hardness and groundwater quality parameters by neural networks
Balkaya N, Ozcan HK, Osman N. Ucan
Desalination And Water Treatment, 2009
International

Multilevel turbo coded continuous phase frequency shift keying MLTC CPFSK
Odabasioglu N, Osman N. Ucan
Computers & Electrical Engineering, 2009
International

Markov random field image processing applications on ruins of the Hittite Empire
UÇAN OSMAN NURİ
Near Surface Geophysics, 2009
International

ARTICLES

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 Scıence & Technology, 2009
International

Modeling of Methane Distribution in a Landfill Using Genetic Algorithms
UÇAN OSMAN NURİ
Environmental Engineering Science, 2009
International

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
International

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
International

Signalling enhancement on multilevel turbo codes
Bayat O, Shafai B, Salehi M, Osman N. Ucan, et al.
International Journal of Communication Systems, 2008
International

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
International

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
International

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
International

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
National

Adaptive Wiener Turbo system and adaptive Wiener Turbo systems with JPEG Bit plane compression
Kenan Büyükatak, Osman N.Ucan, Ersin Göse, Onur Osman, Sedef Kent
Istanbul University-Journal of Electrical &Electronics (IU-JEEE), 2007
National

Automatic colon segmentation using cellular neural network for the detection of colorectal polyps
Niyazi Kılıç, Onur Osman, Osman N. Ucan, Kemal Demirel
Istanbul University-Journal of Electrical &Electronics (IU-JEEE), 2007
National

ARTICLES

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
International

Tectonic modeling of Konya Beysehir Region Turkey using cellular neural networks
UÇAN OSMAN NURİ
Annals of Geophysics, 2007
International

Modeling of trophospheric 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
International

Lung nodule diagnosis using 3D template matching
Osman O, Ozekes S, Osman N. Ucan
Computers in Biology and Medicine, 2007
International

Forward modeling with forced neural networks for gravity anomaly profile
UÇAN OSMAN NURİ
Mathematical Geology, 2007
International

Maximum stream temperature estimation of Degirmendere River using artificial neural network
Karacor AG, Sivri N, Osman N. Ucan
Journal of Scienific & Industrial Research, 2007
International

Modelling potential field sources in the Gelibolu Peninsula Western Turkey using a Markov Random Field approach
Albora AM, Osman N. Ucan, Aydogan D
Pure And Applied Geophysics, 2007
International

Performance of low density parity check coded continuous phase frequency shift keying LDPCC CPFSK over fading channels
Hekim Y, Odabasioglu N, Osman N. Ucan
International Journal of Communicatıon Systems, 2007
International

Channel parameter estimation for turbo trellis coded modulation in OFDM systems
Osman N. Ucan, Osman O
Journal of Communications Technology and Electronics, 2007
International

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
International

Computer network optimization using genetic algorithm
Olcay Akbulut, Onur Osman, Osman N.Ucan
Istanbul University-Journal of Electrical &Electronics (IU-JEEE),, 2006
National

Evaluation of tectonic structure of Iskenderun Basin Turkey using steerable filters
Albora AM, Sayin N, Osman N. Ucan
Marine Geophysical Researches, 2006
International

ARTICLES

Heuristic construction of high rate linear block codes
Altay G, Osman N. Ucan
AEU-International Journal of Electronics and Communicatıons, 2006
International

A new approach for residual gravity anomaly profile interpretations Forced Neural Network FNN
Osman O, Albora AM, Osman N. Ucan
Annals of Geophysics, 2006
International

Geometric augmented product codes
Altay G, Osman N. Ucan, Ugurdag HF
IEE Proceedings-Communicaııons, 2006
International

Performance of multilevel turbo codes with blind non blind equalization over WSSUS multipath channels
UÇAN OSMAN NURİ
International Journal of Communication Systems, 2006
International

Separation of magnetic field data using the differential Markov random field DMRF approach
Albora AM, Osman N. Ucan
Geophysics, 2006
International

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
International

Modeling of SO2 istribution in Istanbul Using Artificial Neural Network
UÇAN OSMAN NURİ
Environmential Modelling and Assessment, 2005
International

2D image transmission using Kalman Turbo systems
Niyazi Odabaşıoğlu, A. Korhan Tanç, Osman N.Ucan
Istanbul University-Journal of Electrical &Electronics (IU-JEEE),, 2005
National

Iterative decoding of geometric product codes
Gökmen Altay, Osman N.Ucan
Istanbul University-Journal of Electrical &Electronics (IU-JEEE), 2005
National

Performance of multilevel turbo codes with group partitioning over satellite channels
Osman O, Osman N. Ucan, Odabasioglu N
IEE Proceedings-Communications, 2005
International

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
International

Cellular neural network with trapezoidal ctivation function
Bilgili E, Goknar IC, Osman N. Ucan
International Journal of Circuit Theory And Applications, 2005
International

ARTICLES

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

International

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

UÇAN OSMAN NURİ

Marine Geophysical Researches, 2005

International

Modeling of CO Distribution in Istanbul Using Artificial Neural Network

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

Fresenius Environmential Bulletin, 2004

International

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

International

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

International

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

International

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

UÇAN OSMAN NURİ

European Transactions On Telecommunications, 2004

International

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

Gose E, Pastaci H, Osman N. Ucan, et al.,

Frequenz, 2004

International

Magnetic anomaly separation using Genetic Cellular Neural Networks

Osman N. Ucan, Erdem Bilgili, M. Albora

Journal of the Balkan Geophysical Society, 2002

International

Repeating Space Time codes for Turbo Trellis Modulation

Osman N. Ucan, Onur Osman, Omer Erkan

Acta Tehnica Napocensis, 2002

International

Turbo coded signals over wireless local loop environment

Osman N. Ucan, Onur Osman, S. Paker

International Journal of Electronics and Communications, 2002

International

ARTICLES

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
International

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
International

Trellis Coded Quantization Modulation over Rician Fading Channel
UÇAN OSMAN NURİ
International Journal of Applied Mathematics, 2001
International

Evaluation of Akdag Iron Ore ReservesusingDifferential Markov Random Field DMRF
Osman N. Ucan, A. Muhittin Albora
Journal of The Balkan Geophysical Society, 2001
International

Residual Separation of magnetic fields using a Cellular Neural Network Approach
A.Muhittin Albora, Atilla Ozmen, Osman N. Ucan
Pure Applied Geophysics, 2001
International

Separation of Bouguer anomaly map using cellular neural network
A.Muhittin Albora, Osman N. Ucan, Atilla Ozmen, Tulay Ozkan
Journal of Applied Geophysics, 2001
International

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
International

Performance of Combined Trellis Coded Quantization Modulation over Wireless Local Loop Environment
Osman N. Ucan, Murat Uysal, Selcuk Paker
International Journal of Communications, 2000
International

Jitter Performance of Neural Network Equivalent MPSK Schemes Over Microwave Channels
Osman N. Ucan, Serhat Seker, Selcuk Paker
International Journal of Communication Systems, 1998
International

Trellis Coded Quantization Modulation over Mobile Satellite Channel with Imperfect Phase Reference
UÇAN OSMAN NURİ
International Journal of Satellite Communications, 1998
International

Performance Analysis of Modified Quadrature Partial Response Trellis Coded Modulation M QPR TCM Systems
UÇAN OSMAN NURİ
European Transaction on Telecommunications, 1997
International

Jitter and Error Performance Analysis of Trellis Coded M PSK over Partial Response Fading Channel
UÇAN OSMAN NURİ
Electronic Letters, 1996
International

ARTICLES

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
International

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
International

Decoding of Quadrature Partıal Response Trellıs Coded Signals QPR TCM in the Presence of Intersymbol Interference And Noıse
Osman N Ucan, Aygolu U, Panayirci E
Lecture Notes in Computer Science, 1991
International

A New Gravity Anomaly Separation Approach Differential Markov Random Field DMRF
Osman N. Ucan, Bülent Sen, A.Muhittin Albora, Atilla Ozmen
Electro-Geophysics, 1900
International DOI: http://link.springer.de/link/service/journals/10069/bibs/0005001/00050001.htm

PROCEEDINGS

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
International

Location Dependent Channel Characteristics for Implantable Devices
ILYAS MUHAMMAD, BAYAT OĞUZ, UÇAN OSMAN NURİ, Imran Muhammad Ali, Abbasi Qammer H
AECT, 2020
International

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
International

Genetic Algorithm and Image Processing for Osteoporosis Diagnosis
Jennane R., Almhdie-Imjabber A., Hambli R., Ucan ON., Benhamou CL.
32nd Annual International Conference of the IEEE Engineering-in-Medicine-and-Biology-Society (EMBC 10), 2012
International

A Fuzzy Inference System Combined with Wavelet Transform for Breast Mass Classification
Gorgel Pelin, Sertbas Ahmet, Ucan Osman N.
35th International Conference on Telecommunications and Signal Processing (TSP), 2012
International

Destek vektör makineleri yaklaşımı ile kolonik polip tespiti
Niyazi Kılıç, Osman N. Ucan
Akıllı sistemlerde yenilikler ve uygulamaları sempozyumu (ASYU), 2010
National

Fault diagnosis of power transformer using support vector machine based on dissolved gas in oil analysis
İbrahim Günes, Abdülkadir Gozutok, Baris Kiremitci, Osman N. Ucan
International symposium on innovations in intelligent systems and applications, 2010
International

PROCEEDINGS

Discrete Wavelet transform for Otoman character recognition
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The Fifth International Symposium on Wavelet Applications to World Problems, 2010
International

Hermitian Transform approach in classification of ECG signals
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The Fifth International Symposium on Wavelet Applications to World Problems, 2010
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Comparison of complex wavelet transforms and discrete wavelet transforms for hybrid skeletonisation approach
UÇAN OSMAN NURİ
The Fifth International Symposium on Wavelet Applications to World Problems, 2010
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Computer aided detectionof multiple sclerosis lesions from MR images of the human brain
Güldem Küçük, Osman N. Ucan, Niyazi Kılıç, Aladdin Sayın,
The Fifth International Symposium on Wavelet Applications to World Problems, 2010
International

Image segmentation with complex wavelet and discrete wavelet transform
Murat Ceylan, Osman N. Ucan, Yüksel Özbay
The Fifth International Symposium on Wavelet Applications to World Problems, 2010
International

Separation of Picasso and Braque paintings using wavelet and artificial neural Networks
Baybora Temel, Niyazi Kılıç, Bünyamin Özgültekin, Osman N. Ucan
International Conference on modelling of engineering and technological problems (ICMETP) and 9th National conference of Indian society of industrial and applied mathematics (ISIAM), 2009
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Mammographic mass classification using wavelet based support vector machine
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International Conference on modelling of engineering and technological problems (ICMETP) and 9th National conference of Indian society of industrial and applied mathematics (ISIAM), 2009
International

Evaluation of educational effect on awareness of coastal pollution and clean sea water reservation using fuzzy based algorithm
Nüket Sivri, Osman N. Ucan, Abdurrahim Akgundogdu, Zafer Aslan
International Conference on modelling of engineering and technological problems (ICMETP) and 9th National conference of Indian society of industrial and applied mathematics (ISIAM), 2009
International

Colon Segmentation and the Detection of Colonic Polyp with Template Matching in CT Images
Kilic N, Osman O, Osman N. Ucan
IEEE 16th Signal Processing, Communication and Applications Conference, 2008
International

Multifont Ottoman character recognition using Support Vector Machine
Kilic N, Gorgel P, Osman N. Ucan, et al
Conference Information:3rd IEEE International Symposium on Control, Communications and Signal Processing (ISCCSP 2008), 2008
International

Multifont Otoman character recognition using support vector machine
Niyazi Kılıç, Pelin Görgel, Osman N. Ucan, Ahmet Kala
ISCCSP, 2008
International

PROCEEDINGS

Efficient estimation of osteoporosis using artificial neural networks

Lemineur G, Harba R, Kilic N, Osman N. Ucan et al.,

Conference Information: 33rd Annual Conference of the IEEE-Industrial-Electronics-Society, 2007

International

Evaluation of NiMnGa magnetic shape memory alloys using cellular neural Networks

Gürsev Pirge, Niyazi Kılıç, Osman N. Ucan, Sabri Altınbaş

III. European Conference on Computational mechanics solids, structures and coupled problems in Engineering, 2007

International

Efficient estimation of osteoporosis using artificial neural Networks

Gerald Lemineur, Rachid Harba, Osman N. Ucan, Onur Osman, Laurent Benhamou

Conference of the IEEE Industrşial Electronics Society (IECON), 2007

International

Temperature prediction of Kucukcekmece lagoon using artificial neural Networks

A.G. Karaçor, N. Sivri, Osman N. Ucan

International Workshop II on applications of wavelets to real world problems, 2007

International

Determination off the fault zone by using genetic celluar neular network in the Thrace and the Marmara Sea

Caglak F, Albora AM, Osman N. Ucan

Conference Information: IEEE 14th Signal Processing and Communications Applications, 2006

International

Full information rate distance 4 block codes

Altay G, Osman N. Ucan, Altay N

Information: 3rd International Symposium on Wireless Communication Systems (ISWCS 2006), 2006

International

On the trellis structures of geometric augmented product codes

Altay G, Osman N. Ucan, Altay N, et al.

Conference Information: 1st NASA/ESA Conference on Adaptive Hardware and Systems, 2006

International

Transmission of 2D images using Kalman Turbo systems

Odabasioglu N, Osman N. Ucan, Tanc AK

Conference Information: 3rd International Conference on Computing, Communications and Control Technologies, 2005

International

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International

Reduced state equalization of multilevel turbo coded signals

UÇAN OSMAN NURİ

30th IEEE International Conference on Acoustics, Speech, and Signal Processing, 2005

International

Iterative equalization of frequency selective channels

Bayat O, Shafai B, Osman N. Ucan

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

International

Applications of CNN with trapezoidal activation function Conference Information

Bilgili E, Goknar IC, Osman N. Ucan

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International

PROCEEDINGS

Stability of CNN with trapezoidal activation function
Bilgili E, Goknar IC, Osman N. Ucan, et al
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International

Reduced State equation of multilevel Turbo coded signals
Oğuz Bayat, Bahram Shafai, Osman N. Ucan
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International

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National

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H. Kurtulus, Ulku Sahin, Cuma Bayat, Osman N. Ucan
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National

Birleştirilmiş MRF HYSA Yöntemi ile Gürültü Temizleme
Niyazi Kılıc, Osman N. Ucan
Ulusal Elektrik Elektronik-Bilgisayar Mühendisliği Sempozyumu (ELECO 2004), 2004
National

ISI kanallar için 8 PSK moduleli Turbo Dengeleme yapısının tasarımı ve performansının incelenmesi
Selma Arıcan, Osman N. Ucan, Mehmet Bayrak
IEEE 12. Sinyal işleme ve iletişim uygulamaları kurultayı, 2004
National

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Ülkü Şahin, Osman N. Ucan, Orhan Tolluoğlu, Cuma Bayat
The 13th Turkish Symposium on Artficial Neural Intelligence & Artificial Neural Networks, 2004
National

An efficient channel equalization on the transmission of turbo coded signals
Bayat O, Shafai B, Osman N. Ucan
5th International Conference on Communications in Computing (CIC 2004), 2004
International

Wavelet cellular neural network architecture and learning algorithm
Bal A, Osman N. Ucan, Pastaci H, et al.,
Conference on Independent Component Analyses, Wavelets, Unsupervised Smart Sensors and Neural Networks II, 2004
International

The design and performance investigation of turbo equalization structure with 8 PSK modulation for ISI channels
Arican S, Osman N. Ucan, Bayrak M
IEEE 12th Signal Processing and Communications Applications Conference,, 2004
International

Edge detection in noise mounted Picture
Tolluoglu O, Osman N. Ucan, Kent S, et al.,
IEEE 12th Signal Processing and Communications Applications Conference,, 2004
International

Construction and minimal trellis for 32 16 8 decomposable code
Gökmen Altay, Osman N. Ucan
Second International Conference on Electrical and Electronics Engineering, ELECO, 2003
International

PROCEEDINGS

Design and development of the future in Turkey
Reza Ziarati, Martin Ziarati, Osman N. Ucan, David Stockton
Proceedings of the 10th Mediterranean Conference on control and Automation (MED 2002), 2002
International

Picasso ve Braque sahte gerçek ayırımı
Bünyamin Özgültekin, Osman N. Ucan, Baybora Temel, Ümran Aria Balcı
İstanbul Aydın University, Panel,,
National

Elektrokardiyografi Sinyallerin Yapay Sinir Ağları İle Değerlendirilmesi
Yashar M. Jwmah, Niyazi Kılıç, Osman Nuri Uçan
Tıp Teknolojileri Ulusal Kongresi (TIPTEKNO'2010),
National

PROJECTS

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Scientific research project supported by Higher Education Institutions, 01.01.2023 -
National Continues

GSM Fiyatlandırma (Manager)
Ministry of Industry (SAN-TEZ) Project,
National Completed

THESIS SUPERVISION

FAULT DIAGNOSIS IN OVERHEAD POWER LINE USING DEEP BELIEF NETWORK
QADER FARHAN ABED ABED
2024 Master's Degree

Mixture of optical quadrature-phase shift keying and continuous-phase frequency shift keying advanced methods for monitoring optical performance in future photonic networks
ALAA TAREQ SAEED AL-HADEETHI
2024 Master's Degree

Mixture of optical quadrature-phase shift keying and continuous-phase frequency shift keying advanced methods for monitoring optical performance in future photonic
DURAID KHAIRI YAHYA AL-HADEETHI
2024 Master's Degree

MODELING AND SIMULATION OF A HYBRID ELECTRIC GRID FOR RELIABLITY AND POWER QUALITY ENHANCEMENT
YAHYA MOHAMMED JASIM AL MASHHADANI
2024 Master's Degree

THIN FILM DEPOSITION AND CHARACTERIZATION FOR GAS SENSING DEVICE APPLICATION
MITHAL OKAB ABDULHADI ABDULHADI
2024 Master's Degree

Reinforcement learning with multi-armed bandits for dynamic content optimization of web performance
HANAN QAHTAN HUSSEIN AL-ZUHAIRI
2024 Master's Degree

CYBER SECURITY METHOD FOR PHISHING AND MALICIOUS LINK DETECTION IN SOCIAL MEDIA USING DATA MINING TECHNIQUES
HADEEL BASIL SAADALLAH ALSULTAN
2024 Master's Degree

THESIS SUPERVISION

Ultra-wideband monopole antenna and deep learning application for 6g MIMO
MEHMET FERİT EREL
`2024` `Doctorate`

Detection of malicious SQL injections using svm and KNN algorithms
SAMEER ABDULJABBAR KADHIM HACHAM
`2024` `Master's Degree`

Modern web - based decision support system for oil refinery workflow transformation with economic analysis
OSAMAH SHIHAB AHMED AL-NUAIMI
`2024` `Master's Degree`

DNS traffic based intrusion detection using modified KNN algorithm and feature weighting
HANEEN KADHIM HWAIDI AL FADHLI
`2024` `Master's Degree`

Makine öğrenmesi yöntemleri ile çevrimiçi kredi kartı işlemlerinde Fraud analizi tahmini
YASİN DİKBIYIK
`2024` `Master's Degree`

ENHANCING IOT RESOURCE UTILIZATION IN FOG-CLOUD ENVIRONMENT FOR PROVIDING REAL TIME SERVICES
NASEEM ADNAN HAMEEDI ALSAMARAI
`2024` `Doctorate`

ISLANDING DETECTION IN DISTRIBUTED GENERATION GRIDS USING RECURRENT NEURAL NETWORKS
SARAH MAHMOOD FARHAN AL KINANI
`2024` `Master's Degree`

CLASSIFICATION OF HAND SIGN LANGUAGEUSING DEEP LEARNING ALGORITHM
ISRAA ADIL MOHAMMED ALYSADEN
`2024` `Master's Degree`

TRANSMISSION LINE LOSS DETERMINATION OF ELECTRICITY BY USING CONVOLUTIONAL NEURAL NETWORK
ELAF HAYDER SADEQ AL-SAMKRI
`2023` `Master's Degree`

Using datamining techniques for data normalization in smart classrooms
ABDULLAH RAGHEB HAMID ALBAKER
`2023` `Master's Degree`

APPLYING ARTIFICIAL INTELLIGENCE TECHNIQUES ON CYBER SECURITY DATASETS: DETECTING CYBER ATTACKS.
OMAR WALEED ABDULHADI AL BAWAB
`2023` `Master's Degree`

Studying and Evaluating The Impact Of Educational Games On Computer Learning For The High Schools In Iraq By Using Scratch Language
ANES HUSSEIN MOHAMMED AL-KHAFAJI
`2023` `Master's Degree`

An automated convolutional neural network model for the detection of brain tumours using MRI images
RAWAA ABAID MAHAL MAHAL
`2023` `Master's Degree`

image denoising using deep convolutional based on denasing autoencoder
MOHAMMED QADRI SABER SABER
`2023` `Master's Degree`

THESIS SUPERVISION

Segmentation of brain tumor MRI images using watershed thresholding
AHMED TALIB ATIYAH ATIYAH
`2023` `Master's Degree`

Machine learning techniques for estimation of human tiredness level from brain electrical activity
SAAD SHABAN
`2023` `Doctorate`

Three-dimensional (3d) liver tumor detection with deep learning
FIRAT ÖZCAN
`2023` `Doctorate`

Impact of the earthing system on the short circuit current in iraqi power system
FADHAA ZAID KHALAF AL-GBURI
`2023` `Master's Degree`

Anomaly-based intrusion detection systems using machine learningalgortihim
KARRAR ALI AWAD AL-JUBOORI
`2023` `Master's Degree`

SOFTWARE IMPLEMENTATION AND EVALUATION OF A TWO STAGES CR FOR NOISY CHANNELS AT HIGH FREQUENCY RECEIVERS
IBRAHIM FADHIL HAYDER AL-MAHDAWI
`2023` `Master's Degree`

COVID-19 ULTRASOUND IMAGE CLASSIFICATION USING SVM BASED ON KERNELS DEDUCED FROM CONVOLUTIONAL NEURAL NETWORK
SAIF ABDULRAHMAN MOHAMMED AL-JUMAILI
`2023` `Doctorate`

A new method for direct IoT devices communication with simultaneous optimization of system performance
LUMA ABDULNASER ALSAMARRAY
`2023` `Master's Degree`

Dynamic IoT hierarchical routing optimization using multi-heuristic clustering
AYAT YOUSİF MOHAMMED AL-HILFI
`2023` `Master's Degree`

Secure medical data- health transmission based on integratingsteganography and encryption
MINA SAMEER HAJI AL-OKBI
`2023` `Master's Degree`

Fake news detection via automated deep learning
YASİR ABDULKAREEM JAMAL JAMAL
`2023` `Master's Degree`

Artificial intelligence model for DDOS-detection
ALI MOHAMMED SAADOON BRAICHAT
`2023` `Master's Degree`

Detection of denial-of service attacks using artificial neural networks
SARMAD JASSIM MOHAMMED
`2023` `Master's Degree`

Vanet performance evaluation in terms of nodes distribution, mobility models, and routing protocols
WALEED KHALID FATHI ALBO ISMAEL
`2023` `Master's Degree`

ML and DL approaches for images detection and decision-making enhancements in cornea surgery via femtosecond laser
AMER DAWOOD LAFTA AL-BADRI
`2023` `Master's Degree`

THESIS SUPERVISION

The role of technology in airline management and the quality of services for passengers
MUSTAFA MONES HATO
2023 Master's Degree

Resource management scheme for vehicular cloud networking
GHAIDAA SALIH FAYYADH ALMASHHADANI
2023 Master's Degree

Border control using human shape detection
ALI ABDULLAH MOHAMMED MOHAMMED
2023 Master's Degree

Call center for deep learning based attractive speech recognition
HASNAA MOHAMMED HUSSEIN JASIM ALALLAF
2023 Master's Degree

Using artificial intellgence to identfy skin cancer
AMMAR MAHER MOHAMMED ALSARRAF
2023 Master's Degree

Wireless lan design and future internet architecture
ASHRAF THAKER MAHMOOD ALMUKHTAR
2023 Master's Degree

Tumor detection in spinal cords using sigmoid based CNN algorithm
SHERHAN AIAD ALSUNOUSI ABOKHNANA
2023 Master's Degree

SHARE MARKET PREDICTION: A NOVEL DATA ANALYTICS BY AI
HAMZA ALI BULQASSIM BEN MASAUD
2023 Master's Degree

OPTICAL FIBRE COMMUNICATION SYSTEM IN COMMERCIAL VEHICLES
SOAD RAMADAN OMARAN ELJARUSHY
2023 Master's Degree

A NEW MODEL FOR ELECTRICAL POWER TRANSMISSION LINE FAULT DETECTION
AMMAR KADHIM SALIH AL-HASNAWI
2023 Master's Degree

CLUSTERING-BASED ROUTING PROTOCOL IN VANET NETWORKS USING THE BEE COLONY META-HEURISTIC ALGORITHM
ALI LAYTH YOUSIF AL-SHAREEFI
2023 Master's Degree

A SIMULATION SUITE FOR NETWORK SLICING IN 5G NETWORKS
MUNTADHER ADDAY QATTAN AL-ZEYADI
2023 Master's Degree

LOAD BALANCING AND SHADOW AVOIDANCE IN HYBRID LIFI-WIFI NETWORK USING MOPSO CLUSTERING
HUSSEIN KAMAL SALIH AL-AZZAWI
2023 Master's Degree

DENIAL OF SERVICE ATTACK PREVENTION ON CLOUD DATABASE USING HONEY ENCRYPTION
BAYDAA BASIM MOHAMMED MOHAMMED
2023 Master's Degree

MALWARE DETECTION IN IOTS USING HYBRID DEEP LEARNING TECHNIQUE
AMENAH DHAHIR HABEEB AL-FAHHAM
2023 Master's Degree

THESIS SUPERVISION

HYBRID NON-RETURN-TO-ZERO PPM-PAM VISIBLE LIGHT COMMUNICATION SYSTEM
MOHAMMED YOUNUS MOHAMMED MOHAMMED
2022 | Master's Degree

Transformatıon of tradıtıonal healthcare system to advance AI-based e-healthcare system
REDA RAMADAN ABDULSALAM
2022 | Master's Degree

A New Method Based CNN Combined With Genetic Algorithm and Support Vector Machine for COVID-19 Detection By Analyzing X-Ray Image
KARAM MOHAMMED DAWOOD DAWOD
2022 | Master's Degree

A new method based CNNcombined with genetic algorithm and support vector machine for COVID-19 detection by analyzing X-ray images
KARAM MOHAMMED DAWOOD DAWOD
2022 | Master's Degree

Drones swarm free space optical communication with pointing error
ABDULLAH JAMEEL MAHDI AL-SAMMARRAIE
2022 | Doctorate

Electromagnetic absorber based on metamaterial
RAWAN NAZAR AHMED AHMED
2022 | Master's Degree

Computer denial of service attacks classification and prevention system optimization
KHADIJA SHELFIT
2022 | Master's Degree

A new software defined network (SDN) in IoTs based deep learning techniques
AHMED HUSSEIN IBRAHEM ALAJDAH
2022 | Master's Degree

Employing machine learning techniques and fuzzy membership for detecting fraud transactions in credit card
AHMED ABDULGHANI
2022 | Master's Degree

Intelligent security system for mobile adhoc networks based on machine learning
MARWA KHALIFA
2022 | Master's Degree

Designing a smart system to detect the intrusion in IoT
ZAINAB ABDALJABAR
2022 | Master's Degree

Derin öğrenme yöntemleri kullanılarak meme kanseri teşhisi
PEREN JERFİ CANATALAY
2022 | Doctorate

An efficient algorithm for energy consumption and load balancing in cloud computing network
HIND AYAD MAJEED ALKAKJEA
2022 | Master's Degree

Internet of thing (IoT) cyber security with machine learning
ARSHAD MOHAMMED KHALEEL KHALEEL
2022 | Master's Degree

Pedometer proposal for foot motion detection by arm motion detection
ABDULQADER MOHAMMED AL-KHALIDI
2022 | Master's Degree

THESIS SUPERVISION

Securing critical information: An image cryptography digital based on multi level cryptographic
LINA JAMAL IBRAHIM
2022 | Master's Degree

New smart grid framework based optimized ai method: Case studyattack detection
ABDULMUNEM YASEEN KHUDHAIR KHUDHAIR
2022 | Master's Degree

Using artificial intelligence methods to improve the prediction rate and accuracy
NOOR HASAN MOHSIN SHUAIBT
2022 | Master's Degree

Reconfigurable miniaturized microstrip antenna based metamaterials for portable wireless biomedical applications
AREEG AL - SHAIKHLI
2022 | Master's Degree

Smart detection system of vehicles license plate by using segmentation and enhancement image technique
OMER JAMAL KAMIL KAMIL
2022 | Master's Degree

Segmentation and 3D reconstruction of brain tumor using trust regionparticle swarm optimization tr-pso: A novel approch
ANAS KHUDHUR ABBAS AL -JUBOORI
2022 | Master's Degree

Conceptual understanding of deep learning for smart wireless neural network
MOHAMMED AKRAM ALI ALI
2022 | Master's Degree

Controlling a non-linear servo hydraulic system using pid controller with optimal techniques
BANAN KHALEEL İBRAHİM İBRAHİM
2022 | Master's Degree

Compact MIMO Antenna Array for 5G Applications based Novel Modified-Koch Fractal Geometry
HASSAN ALI HINDI AL-AMERI
2022 | Master's Degree

Facial detection using image processing techniques and deep neural network
MOHANAD SALAH JASIM ALAZZAWI
2022 | Master's Degree

Using convolutional neural networks to improve hyperparameter values for learning phrase categorization
AYOOB HAFEDH MUKHLIF
2022 | Master's Degree

A new framework for intrusion detection in iots using hybrid machine learning techniques
RAWA ALMASBAHJEE
2022 | Master's Degree

Detection and classification of brain tumors in MRI images using deep convolutional neural network
HUSSEIN ALISMAEELI
2022 | Master's Degree

A hybrid deep learning based framework for stock market prediction
DOAA AZEEZ AMEEN AL-BAIRMANI
2022 | Master's Degree

Evaluation of disturbed function performance for maximum achievable rate of 5G in wireless communication
ARSHAD ASAAD HAMEED ALFAKHERI
2022 | Master's Degree

THESIS SUPERVISION

5G technology implementation on process performance in production
WASEEM KHALEEL JALIL ALADEEB
2022 | Master's Degree

Analysis of geospatial satellite images using deep learning
IHAB ALMOJAHED
2022 | Master's Degree

Efficient routing in vanet networks using epso optimization and MAODV protocal
MUSTAFA ALTWEL ALNSR A.
2022 | Master's Degree

Efficient spread spectrum sharing technique based on 5G MİMO cognitive networks
MAHDI ABBAS SARHAN ALMALIKI
2022 | Master's Degree

Provide a new framework for blockchain based integrated and resource classification for the cloud
FIRAS HAMMOODI NEAMAH AL-MUTAR
2022 | Doctorate

Using a novel method to improve various stages of machines in the power system
MOHAMMED ABDULKAREEM ALI ALI
2022 | Master's Degree

Smart search for effıcıent and retrıevıng of data ın dıstrıbuted database
SIMAA HASSAN HADI AL-ANBAKI
2022 | Master's Degree

Predicting danger using artificial intelligence
MUSTAFA AMEEN SULTAN AL-TAMEEMI
2022 | Master's Degree

Analysis of network security using cypher technique
MOHANAD AHMED ABDULRAZZAQ AL ZAMILI
2022 | Master's Degree

Traveling salesman problem based on simulated annealing
TAHA SARMAD MAHMOOD MUKHTAR ALASHKAR
2022 | Master's Degree

Enhancement of wimax performance for deployment in rural and none urban locations
MOHAMMED ABDULSALAM ALI AL-JUMAILI
2022 | Master's Degree

Using virtual power plants based on machine learning to effectivelydistribute electrical energy
LAYLA JASIM MOHAMMED AL-YOUSUF
2022 | Master's Degree

Database management system based on metaheuristic clustering of data entries
ARKAN MUQDAD HAMEED ALABDALI
2022 | Master's Degree

VOLTAGE STABILITY CONTROL IN SOLAR POWERED ELECTRIC SMART GRID USING GENETIC ALGORITHM AND FUZZY LOGIC
NOOR SALAM MOHAMMED MOHAMMED
2022 | Master's Degree

A new technique for peak-to-average power ratio reduction in 5G communication
ZAID ABDULAZEEZ YOUSIF YOUSIF
2022 | Master's Degree

THESIS SUPERVISION

Hybrid deep learning model for automatic fake news detection
OTHMAN ARAF HANSHAL HANSHAL
2022 Doctorate

Classification of traffic and IoT devices through artificial neural network and feature selection
AHMED THAMER HAMEED HAMEED
2022 Master's Degree

A proficient image steganography method with effective data hiding and detection
MUSTAFA ALI SAHIB AL ZAKITAT
2022 Master's Degree

Novel semi-supervised learning approach for descriptor generation using artificial neural networks
ALLA FIKRAT AL-WINDAWI
2022 Doctorate

Performance monitoring of the breathing rate by using artificial intelligence algorithms
MURTADHA HAYDER HASAN ALHASAN
2022 Master's Degree

Prediction breast cancer in fine needle aspiration images using machine learning
LAYTH ADNAN MAJEED ALABDALI
2022 Master's Degree

Palm vein recognition by artificial neural network
SURA AHMED JABER JABER
2022 Master's Degree

Using deep learning based classification algorithm to detect faults in turbine engines
ALİ AL-TAİE
2022 Master's Degree

A new framework deep convolutional neural network for brain tumor detection
KARAM MUNIB ABDULMAJEED BAKAL
2022 Master's Degree

New method based optimized machine learning techniques for attack detection in iots
FATEN YAHYA ISMAEL ALHASAN
2022 Master's Degree

Phishing, spam and malware detection in emails using deep learning and anomaly detection filters
MAYS AKRAM FADHIL FADHIL
2022 Master's Degree

Efficient routing in vanet networks using clustering and segmentation algorithm
MUSTAFA SAHER MOHAMMED ALHELLI
2022 Master's Degree

A new AI method for effective medical data security application
DHAY ABDULATEEF HAMMOOD ALJASIM
2022 Master's Degree

Malware detection using machine and deep learning algorithms for computer devices
MOHAMMED THAIR ABDULSATTAR ALTAIY
2022 Master's Degree

Cyber security in e-government; A case study malware attack detection
SHAYMAA MOUSA ABDULLAH AL-GBURI
2022 Master's Degree

THESIS SUPERVISION

Predicting of distributed denial of service using machine learning algorithms
HANEEN KHAIRULLAH TALIB ALSELMI
2022 | Master's Degree

Phishing attacks detection using deep learning approach
NADIA JABBAR JAWAD AL-HAFFAR
2022 | Master's Degree

Cybersecurity breaches and the role of ethical hackers in securing the online system of the organisation
MOHAMMED HASAN HADI AL MAAWI
2021 | Master's Degree

Implementation of an Energy Efficient Routing Protocol for Wireless Sensor Network
MOHAMMED WESSAM HUSSEIN AL-SHAMMARI
2021 | Master's Degree

Detect malware url using naive bayes algorithm
FATİMAH YASEEN HASHİM AL-ZUBAİDİ
2021 | Master's Degree

Artificial neural networks for electroencephalogram classification
ALI MOHSIN LATEEF ALKHAFAJI
2021 | Master's Degree

Detect Phishing Website by using machine Learning
ALI JASIM KHALEEFAH AL-JABERI
2021 | Master's Degree

Improvement of data transmission in fiber optical systems using VCSEL based erbium doped fiber amplifier (EDFA)
AHMED JAMAL AZEEZ ALYOUSUF
2021 | Master's Degree

Using machine learning algorithms for orthopedic classification
MOHAMEDSADEQ ABDULKHUDHR ALSAEDI
2021 | Master's Degree

Data management system in IoTs using deep learning technique
AMER BENAROUS
2021 | Master's Degree

Detection of malicious URLs using machine learning
RAED HAMEED GBURI
2021 | Master's Degree

Building e-government solution system with interoperable GIS solutions using blockchain driven nhibernate mapper
NAWAR ABDULRIDHA YAHYA AL-KHAFAJI
2021 | Master's Degree

E-learning based mobile application for kids with autism spectrum disorder
TARIK MOHAMMED ABDULJABAR
2021 | Master's Degree

Design a smart home automation system using the IoT device cloud
YEHYA EL MOHAMAD
2021 | Master's Degree

Political optimizer: An adaptive social group optimization using harris hawk and jellyfish searching techniques
IHAB KHALDOON KHUDHUR ALTAEE
2021 | Master's Degree

THESIS SUPERVISION

DDOS attacks detection using machine learning models in SDNS
MOHAMMED AL-ADEMI
2021 | Master's Degree

Signing digital documents using private keys extracted fromfingerprint templates
OMAR MOHAMMED YOUNUS YOUNUS
2020 | Master's Degree

Üniversitelerde kurumsal web sitelerinin tasarım ve kullanılabilirlik analizleri
HATİCE AKKAYA
2020 | Master's Degree

Comparison of various algorithm for intrusion detection in data mining
HASAN M.HUSSEIN M.ALI NASSRULLAH
2020 | Master's Degree

INTELLIGENT HOME AUTOMATION ANDSECURITY SYSTEM WITH INTERNET OFTHINGS
INAS MOHANAD DAWOOD AL-JANABI
2020 | Master's Degree

A POWER EFFICIENT FRAMEWORK FOR DISTRIBUTED SEARCH DURING DISASTERS
ALSAJJAD HAYDER HASAN ALHASAN
2020 | Expertise in Medicine

Intrusion detection and classification in internet of things networks using machine learning
OMAR KHUDHAIR EKHLAYEF EKHLAYEF
2020 | Master's Degree

ENHANCEMENT THE CONNECTING OF RFID WITH TO INTERNET BY USING HETEROGENEOUS NETWORKING
FAHAD ABDULATEEF YASEEN ALDOORI
2020 | Master's Degree

ARTIFICIAL INTELLIGENCE BASED DIGITAL IMAGE PROCESSING SYSTEM FOR FACE RECOGNITION ON MULTICORE PLATFORM
OMER NAJI KYATO KYATO
2020 | Master's Degree

Internet of things with health care for Configuration and management devices
HAYDER ABDULATEEF WAHEEB AL-AZZAWI
2020 | Master's Degree

BİR FİLTRELEME VE CİNSİYET TESPİTİ KNN ALGORİTMASINA DAYALI SES ÖRNEĞİ VE BULANIK MANTIK DENOISER
ABDULLAH ABBAS YOUSIF ALABDULLAH
2020 | Master's Degree

ANALYSIS ENERGY MANAGEMENT SYSTEM HYBRID FOR SMART GRID STABILITY BASED ON STATIC VAR COMPENSATOR WITH ANN
ABDULLAH SATTAM DHEYAB DHEYAB
2020 | Master's Degree

SEYAHAT SATIŞI SORUNUNUN ÇÖZÜMÜ İÇİN FARKLI TEKNİĞİN KARŞILAŞTIRILMASI İÇİN DEĞİŞTİRİLMİŞ BALİNA OPTİMİZASYON ALGORİTMASININ KULLANILMASI
MOHAMMED ISAM DHAHIR IMARAH
2020 | Master's Degree

IOT FRAMEWORK FOR QUADCOPTER-UAV CONTROLLING USING LIGHTWEIGHT BLOCKCHAIN AND 5G COMBINATION
MOHANAD MOHAMMED KHAYOON ALSAGBAN
2020 | Master's Degree

THESIS SUPERVISION

DATA MINING APPLICATIONS IN TOURISM: COMPARATIVE ANALYSIS
HUSSEIN MOHAMMED HOODI AL-RAMMAHI
`2020` `Master's Degree`

FEED FORWARD NEURAL NETWORK PERFORMANCE OPTIMIZATION USING WEIGHT INITIALIZATION AND PSO ALGORITHM ON MEDICAL DATA
MAHMOOD JAMAL FADHIL AL-QASSAB
`2020` `Master's Degree`

NON-RETURN-TO-ZERO HYBRID PAM-PPM METHOD FOR VISIBLE LIGHT COMMUNICATION
ZAINAB FADHIL ABBAS ALATTAR
`2020` `Master's Degree`

Using data mining techniques to explore patterns of academic achievement effects for high school students
KARRAR ALI
`2020` `Master's Degree`

"HAND GESTURE RECOGNITION USING HUMAN COMPUTER RECOGNITION"
HASAN MOHAMMED TAQI SALIH AL BDAIR
`2020` `Master's Degree`

FACTORS AFFECTING THE ADOPTION OF CLOUD COMPUTING IN IRAQ GOVERNMENT SECTOR
HADEEL RIYADH KAREEM AL-SALIHI
`2020` `Master's Degree`

Highway traffic classification using data mining in machine learning
KHALID FARHAN MOHAMMED MOHAMMED
`2020` `Master's Degree`

AN EXPERT SYSTEM TO PREDICT EYE DISORDER USING DEEP CONVOLUTIONAL NEURAL NETWORK
MOHAMMED RASHID AHMED AHMED
`2020` `Master's Degree`

Sentiment analysis for cryptocurrency prices prediction
ALI ADNAN AHMED AHMED
`2020` `Master's Degree`

BIG DATA SECURITY COMPARATIVE ANALYSIS OF SYMMETRIC ALGORITHMS INTEGRATION ON APACHE SPARK
AHMED MAZIN SHIHAB AL-DAKHEEL
`2020` `Master's Degree`

DESIGN AND SIMULATION OF BUILDING MANAGEMENT SYSTEM
AHMED SADY SALMAN AL-KUBAISI
`2020` `Master's Degree`

MODIFIED LIFI SYSTEM USING 4X1 WDM
MOHAIMEN AMMAR IBRAHEEM MOHAMMED
`2020` `Master's Degree`

DESIGN AND SIMULATION OF DECIMATION FILTER FOR GSM COMMUNICATION SYSTEM USING MATLAB
YASMEEN TAHA YASEEN AL-KHALIDY
`2020` `Master's Degree`

EFFICIENT MONITORING AND CONTROL SYSTEM FOR HYBRID SMART GRIDS USING FUZZY LOGIC AND IOT
TEISEER ABDALHAFATH ABDALATEF ALZUBAIDI
`2020` `Master's Degree`

THESIS SUPERVISION

ANALYSIS AND DESIGN OF AN INTELLIGENT CONTROLLER FOR SOLAR CELLS BASED ON FPGA AND FIREFLY ALGORITHM
MUSTAFA ADIL HUSSEIN AL-WAELI
2020 | Master's Degree

UNIFIED REAL TIME OBJECT DETECTION USING CONVOLUTIONAL NEURAL NETWORK
HAMID RADAM HUSSEIN OBAIDI
2020 | Doctorate

COMPARISON BETWEEN EAGER METHODS AND LAZY METHODS FOR CLASSIFICATION DATA MINING ALGORITHMS
ABEER MOHAMMED SHANSHOOL SHANSHOOL
2020 | Master's Degree

ANALYZE BLOCKCHAIN DEPLOYMENTS AND POPULAR CRYPTOCURRENCIES FOR BUSINESS SECTORS
ALI KHALID WELI WELI
2020 | Master's Degree

Project management and security of electronic platforms for the software-defined radio
AHMED ESSAA ABED AL-OWAIDI
2020 | Master's Degree

DATA MINING USING WEKA AND RAPIDMINER
DEAA ALDEEN FAISAL ABBAS ABBAS
2020 | Subspecialty in Medicine

WI-FI LOCATION FINGERPRINTING BASED INDOOR POSITIONING
MOHAMMED ISSA MOHAMMED MOHAMMED
2020 | Master's Degree

Data security and authentication over computer communication networks and the internet
TAHA ALI KHALEEL AL-AZAOOI
2020 | Master's Degree

Digital image cryptogrphy using chaotic logistic map
YOUNUS TAHREER YOUNUS YOUNUS
2020 | Master's Degree

Improving the limitations in the capacity of fiber optics using modified nonlinear fourier transform
QUSAY MUAAD ALI
2020 | Master's Degree

Performance enhancement of palm recognition system by robust machine learning approaches
LAYTH MOHAMMED ABBAS AL-MASHHADANI
2020 | Master's Degree

Sezgisel yöntemlerle market sepet analizi
FUAT GENÇ
2020 | Master's Degree

MODELING AND CONTROL RENEWABLE ENERGY SYSTEM CONNECTED TO AC GRID
MAHMOOD YASEEN MOHAMMED AL-DULAIMI
2020 | Master's Degree

Efficient construction cost estimation software using convolutional neural network and particle swarm optimization algorithm (PSO)
MOHANAD MOHAMMED HAMAD ALSABAAWI
2020 | Master's Degree

THESIS SUPERVISION

CLASSIFYING ECG TO DETECT HEARTDISEASES USING IMPROVED ARTIFICIALINTELLIGENCE (AI) TECHNIQUES
MOHAMMED SHAMAR YADKAR YADKAR
2020 | Expertise in Medicine

FOCUS ON MESSAGE ROUTING IN WIRELESS SENSOR NETWORKS AND ARDUINO PORT OF WSN PROTECT-LAYER
KARRAR SADDAM ALI AL-NOORIBANIHASHIM
2020 | Master's Degree

DETECTING AND CLASSIFYING LIVER FIBROSISSTAGE USING GADOXETIC ACID-ENHANCEDMAGNETIC RESONANCE IMAGING
HAYDER ABDULKAREEM QASIM ALMOLLA
2020 | Master's Degree

A hybrid local search-genetic algorithm for placement of dg units and shunt capacitors in radial distribution system
EMAD ALI ALMABSOUT
2020 | Doctorate

Automatic generation control using deep reinforcement learning
YASEEN SAADI ABBAS ABBAS
2020 | Master's Degree

DESIGN AND EVALUATION OF A NETWORKINTRUSION DETECTION SYSTEM
EZZADDIN MAHDI JAWAMEER AL-SHAMMARI
2020 | Master's Degree

A DATA MINING TECHNIQUE FOR ANALYZING AND PREDICTING THE HITS OF VIDEO GAMES
AMJED SABBAR KOKAZ KOKAZ
2020 | Master's Degree

Methods viable for anomaly detection of application-levelnetwork
BAQAR ASSAM HATAF ALQWEZI
2020 | Master's Degree

Handle an emergency in the traffic light using artificial intelligence
HAYDER ABDULKAREEM QADER IBADI
2020 | Master's Degree

Hepatitis C virus prediction using krill herd trained artificial neural network
SAFA AKRAM YOUNIS YOUNIS
2020 | Master's Degree

Body health monitoring and alarm system by using android wear device
DOAA GHAZI ABDULWAHID AL-MAFRACHI
2020 | Master's Degree

Distributed denial of service (DDOS) detection in IoT sensors by using deep learning technique
OMAR AHMED
2020 | Master's Degree

The possibility of using machine learning to extract the user actions from the mobile devices data
HUDA ABDULWAHID ABBAS
2020 | Master's Degree

STIMATION OF DIRECTION OF ARRIVAL FOR ANTENNA ARRAY BASED ON (ESPBIT) AND MULTIPLE SIGNAL CLASSIFICATION ALGORITHMS
SABAH SALAM KHUDHAIR AL-ZIRJAWI
2020 | Master's Degree

THESIS SUPERVISION

Predicting power consumption using artificial neural networks algorithms
JUHAINA THAKIR MAHMOOD
2020 | Master's Degree

Real-time prediction the rate of penetration using machine learning
KHALID JAMAL MAALAGH
2020 | Master's Degree

The ability of neural networks to solve biomedical image segmentation task
ZİNAH ABDULLAH AHMED
2020 | Master's Degree

Accuracy enhancement of brain epilepsydetection by using of machine learningalgorithms
RAND NATIQ NEAMAH AL-DAHHAN
2020 | Master's Degree

CLASSIFICATION OF DDOS, SYPWARE & TROJANS USING DATA MINING
SARMAD DHEYAA AZEEZ ABU-ALTEMEN
2020 | Master's Degree

Introduce a distributed complex event processing architecture for network monitoring
ASHJAN ADNAN AL-MOHAMMED
2020 | Master's Degree

The New Machine learning Techniques for Facebook Comment Volume Estimation
MOHANAD ABDULRAHEEM MAHMOOD MAHMOOD
2020 | Master's Degree

Automatic analysis and detection of malware behavior using machine learning for computer device
ABDULLAH QASSIM ALI
2020 | Master's Degree

Implementation a various types of machine learning approaches for biomedical datasets based on sickle cell disorder
HAMID FALAH DHEYAB
2020 | Master's Degree

The automation of bug assignment using machine learning algorithms
ALİ EMAD MOHSİN ALBREEJ
2020 | Master's Degree

Development of a voice filter and enhancement method based on deep learning
ADNAN ABDULLAH ATIYAH
2020 | Master's Degree

HYBIRD METHODS USING EDMS AND GAPOR FOR SHAPE AND TEXTURE
ZUBAIDAH ALI SAHIB AL MUSTAWFI
2020 | Master's Degree

NAVIGATING ROBOTS IN A COMPLEX ENVIRONMENT WITH MOVING OBJECTS USING ARTIFICIAL INTELLIGENCE
OMAR MAHMOOD YASEEN YASEEN
2020 | Master's Degree

Design and implement a big data processing platform suitable for smart grids data
LUMA KHALID LUHAIBI
2020 | Master's Degree

Study and evaluate a mechanism that is able to highlight the legal documents
HUSAM ADEL ALI ALSHUWAILI
2020 | Master's Degree

THESIS SUPERVISION

MULTI-BIOMETRIC GENDER CLASSIFICATION USING MACHINE LEARNING TECHNIQUES
DIYAR WIRYA OMAR AMEENULHAKEEM
2020 | Master's Degree

Study and evaluate quantization methods for secret key extraction using the fading characteristics of a wireless channel
HUSSEIN THAER NAMOOS AL-DAFFAIE
2020 | Master's Degree

Recent techniques used to detect botnet activities within the network using netflow data and botnet detection in virtual environments
MOHAMMED HASSOONI JASIM AL-YASIRI
2020 | Master's Degree

Channel estimation for mimo-ofdm communication system based on deep neural networks
ALI KHAIRI AHMED ALTOOHAFI
2020 | Master's Degree

Visible light communication system using 8x1 WDM
HAMZAH MUSTAFA RASIM ZAKARIYA
2020 | Master's Degree

Real-time detection to solve traffic congestion problems
HAIDER ADIL KHALEEL AL-ZUBAIDY
2020 | Master's Degree

REINFORCEMENT LEARNING AGENT PLAYING VIDEO GAMES USING CONVOLUTIONAL NEURAL NETWORK
AHMED SALAM AHMED DULAIMI
2020 | Master's Degree

Face Detection and Tracking System Using Raspberry Pi
MUSTAFA ABDULSATAAR ABED ABED
2020 | Master's Degree

Investigation of emotional state using machine learning techniques based on complexity and spectral features of electroncephalogram
AHMED M. ABDALLA MOHAMED
2020 | Doctorate

Deep learning based fully autonomousnetwork intrusion detection system
ZAID FARHAN DAKHIL DAKHIL
2020 | Master's Degree

2d map generation and path exploration based on lider system
MUSTAFA MOHAMMED ABDULKAREEM AL RAWAF
2020 | Master's Degree

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 | Master's Degree

Improvement of data transmission in fiber optical systems using vcsel based erbium doped fiber amplifier (EDFA)
AHMED JAMAL AZEEZ ALYOUSUF
2020 | Master's Degree

Segmentation and Classification of Dermoscopic Images for Detection of Melanoma Cancer in Early Stage Using Image Processing Techniques
MOHAMMED IBRAHIM AHMED AL-MASHHADANI
2019 | Doctorate

THESIS SUPERVISION

Adaptive Video Transmission over Communication Networks
GHAIDQ NASSR NAFEA NAFEA
2019 | Master's Degree

Brest cancer detection and image evaluation using amugented deep convolutional neural network
SAADALDEEN RASHID AHMED AHMED
2019 | Master's Degree

An indoor positioning system using ultrasonic waves
DOAA ALI JUMAAH ZIRJAWI
2019 | Master's Degree

Cyber attack detection in remote terminal units of SCADA system
ALI HASAN DAKHEEL
2019 | Master's Degree

Minimum error design of software defined radio transceiver model using MATLAB
MOHAMMED WALEED MAJEED AL DULAIMI
2019 | Master's Degree

Evaluation of ethernet-serial protocol converter for SCADA systems using raspberry Pi
HAMZAH HAMEED JASIM
2019 | Master's Degree

Design and implementation of smart anti-theft car security system based on arduino UNO microcontroller
SHAKIR MAHMOOD AHMED AL-JANABI
2019 | Master's Degree

Design and implementation of web based for intermediate online shop by using MVC laravel framework
MOHAMMED THAKIR MAHMOOD
2019 | Master's Degree

An analysis of accessibility in learning management system in the context of higher education institution
LAYTH HANI MAHDI ALSAMARAI
2019 | Master's Degree

Integration of the quality of service (QOS) in networked cloud computing system
HAITHAM AHMED YASEEN
2019 | Master's Degree

Pattern-based behavioral biometric authentication using artificial neural networks
ALI SAAD HUSSEIN AL-NASER
2019 | Master's Degree

medical video enhancement
AHMED RASHID IBRAHIM ALABD
2019 | Master's Degree

INTELLIGENT SYSTEM FOR PREDICTING BEHAVIOR OF ELECTRICAL ENERGY CONSUMPTION
NAAMA METHAB ATHAB ATHAB
2019 | Master's Degree

Design and implementation of an electronic DC- AC inverter based on the arduino microcontroller monitoring via IoT
MURAD IRFAN AKRAM
2019 | Master's Degree

Simulation of wireless sensor network based communication system
ABDULRAHMAN MOHAMED ABUDLRAHMAN ALMAAWI
2019 | Master's Degree

THESIS SUPERVISION

Bypassing the signal imperfections by means of wireless PID controller
HARITH MUTHANNA NOORI
2019 | Master's Degree

Passive detection of islanding events in microgrids using machine learning
ALI MAJEED MOHAMMED AL YASIRI
2019 | Master's Degree

Miniature microstrip antenna for wireless communication using fractal and non-fractal geometries
ALI RASHID ABDULHAMEED
2019 | Master's Degree

Centralized reinforcement learning for the internet of things devices
AHMED HEFDHI HUSSEIN HUSSEIN
2019 | Master's Degree

Visible light communication system using 4x1 WDM
MUSTAFA IHSAN MUSTAFA
2019 | Master's Degree

EFFICIENT EVOLUTIONARY ALGORITHMS FOR MANY OBJECTIVE OPTIMIZATION PROBLEMS
HAYDER HASSAN SAFI SAFI
2019 | Doctorate

Efficient unconstrained iris recognition system based on CCT-like mask filter bank
HALA NAFIE FATHEE
2019 | Doctorate

MULTI VERSE OPTIMIZER ALGORITHM FOR OPTIMAL PLACEMENT AND SIZE OF DISTRIBUTED GENERATION IN RADIAL DISTRIBUTION SYSTEM
RAND SAFI ABDULLAH ABDULLAH
2019 | Expertise in Medicine

Fingerprint pattern recognition system based on modify multi-connect architecture (MMCA)
LAYTH KAMIL ADDAY AL MAJMAIE
2019 | Doctorate

UNIT COMMITMENT PROBLEM SOLVED BY HYBRID SWARM ALGORITHMS
MAATHER ABDULRAHMAN IBRAHIM ALSHAIBI
2019 | Doctorate

Effective integration of data mining techniques with businessintelligence using web mining
OMER MUNEAM MUSHREF
2019 | Master's Degree

Design and implementation of bi-directional audio and video conferencing based on web real-time communication
ABDULLAH ALI TAHSEEN AL-NAJJAR
2019 | Master's Degree

Automatic turbine speed control using integer and fractional order PID controller based on genetic algorithm
AHMED AYAN OBED
2019 | Master's Degree

ANALYZING THE ALTITUDE VARIATION EFFECTS ON OPTICAL CHANNEL PERFORMACE
OLAİA MOSBAH A. BOURTEMA
2019 | Master's Degree

Aes-turbo over rician and rayleigh fading channels
MUSTAFA RIYADH AHMED ALBANNA
2019 | Master's Degree

THESIS SUPERVISION

Comparative study of intrusion detection system using machine learning
MAHMOOD IMAD ABDULKAREEM
2019 Master's Degree

Designing insistence-aware medium access control protocol and energy conscious routing protocol in a quality-of-service guaranteed wireless body area network
ABDULLAHI ABDU IBRAHIM
2019 Doctorate

Kullanıcı deneyim tasarım veri analiz sistemi
ALİ İHSAN ÖZ
2019 Master's Degree

Optimization of Electrical Charging Station Capacity
ABDULGADER H. ABDULGADER ALSHARIF
2018 Master's Degree

Implementation of Different Clustering Algorithms
AMNA MOHAMED M. ABURAS
2018 Master's Degree

Collaborative filtering recommendation system: Comparison study
INAS AMJED MOHAMMED AL-MANI
2018 Master's Degree

Computer communication network reliability: Evaluation of two-terminal reliability
ZAHRAA MUSTAFA ZAIDAN
2018 Master's Degree

DRONE SWARM CONFIGURATION FOR HIGH- RESOLUTION SURVEILLANCE WITH LONG CODE ONBOARD FREE-SPACE OPTICAL COMMUNICATION
WAMIDH JALIL MAZHER MAZHER
2018 Doctorate

Heuristic optimization approaches for feature selection in biomedical datasets
HADEEL TARIQ IBRAHIM IBRAHIM
2018 Doctorate

Implementing Pulse Position Modulation Using Field-Programmable Gate Array
MURTADHA MOHAMMEDALI HADI ALKADHMI
2018 Master's Degree

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 Master's Degree

Low cost high speed data acquisition board for laboratory laser system
BARAA SAAD ABDULHAKEEM ABDULHAKEEM
2018 Master's Degree

Metaheuristic algorithms to enhance artificial neural network for medical data classification
IHSAN SALMAN JASIM AL GBURI
2018 Doctorate

ADVANCED FACE RECOGNITION SYSTEM USING NOVEL TECHNIQUE BASED ON LINEAR REGRESSION SLOPE
ABDULBASIT KADHIM SHUKUR AL-AZZAWI
2018 Doctorate

THESIS SUPERVISION

SIMULATION SYSTEM FOR SECURITY SENSING SERVICES BASED ON INTERNET OF THINGS
ALI TARIQ KALIL AL KHAYYAT
2018 | Master's Degree

Prediction of epileptic seizures with the use of biomedical sensors and internet of things
ALLA FIKRAT MAJEED AL WINDAWI
2018 | Master's Degree

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 | Doctorate

Fingerprint classification techniques using DWT with SVM and LDA
ABDELSALM M.A. EHOEDY
2018 | Master's Degree

Improving ids alerts to improve the quality of the network security by using data mining techniques
ISAM KAREEM THAJEEL THAJEEL
2017 | Master's Degree

İğnecikli sinir ağları ile ses kaynağı sınıflandırma
PEREN JERFİ CANATALAY
2016 | Master's Degree

RF iletişimli mobil robot kolu
GÖKHAN EŞGİ
2016 | Master's Degree

İki eksenli güneş izleme panelinin kontrolü
GÖKHAN ORAL
2015 | Master's Degree

Aydınlatma led kaynaklarının enerji verimliliğinin incelenmesi
TEMEL SÖNMEZOCAK
2015 | Master's Degree

Koçan tabanlı uyarlanabilir kanal denkleştirme
NOOR AHMED
2013 | Master's Degree

Elektrik talebi ve elektrik piyasası fiyatlarının kısa dönemde tahmin edilmesi
ONUR YAZGAN
2013 | Doctorate

Görüntü işleme teknikleri kullanılarak, 2-boyutlu mamografik verilerde kanserli bölge tanısı
PELİN GÖRGEL
2011 | Doctorate

Hermitian transform tabanlı yöntemlerle sayısal işaretlerin değerlendirilmesi
OLCAY AKBULUT KURUŞ
2011 | Doctorate

Beyin magnetik rezonans görüntülerinin segmentasyonu
GÜLDEM KÜÇÜK
2010 | Master's Degree

Düşük yoğunluklu parite kontrol kodları
EMEL DEMİRYAKAN
2010 | Master's Degree

THESIS SUPERVISION

OFDM tabanlı haberleşme kanallarında LDPC kodlama
AZİZ YILMAZ
`2010` `Doctorate`

Telemedikal elektrokardiyografi sinyallerin yapay sinir ağları ile değerlendirilmesi
YASHAR M. JWMAH
`2010` `Master's Degree`

Bilgisayar tomografili akciğer görüntülerinin değerlendirilmesinde kompleks değerli yeni bir akıllı sistem tasarımı
MURAT CEYLAN
`2009` `Doctorate`

Ses sıkıştırma tekniklerinin başarım analizi
DİNÇER YARIMÇAM
`2009` `Master's Degree`

Analysis and design of synchronous/asynchronous cooperative communication systems
MÜMTAZ YILMAZ
`2009` `Doctorate`

Trabeküler kemik yapılarının yapay zeka yöntemleri ile modellenmesi
ABDURRAHİM AKGÜNDOĞDU
`2009` `Doctorate`

Katı atık düzenli depolama gazlarının genetik algoritmalarla modellenmesi
HÜSEYİN KURTULUŞ ÖZCAN
`2009` `Doctorate`

Birleşik şifreleme ve turbo kodlama sistemleri
VOLKAN ÖZDURAN
`2008` `Master's Degree`

Bilgisayarlı tomografi görüntülerinde üç boyutlu şablonlar kullanılarak kolonik polip tespiti
NİYAZİ KILIÇ
`2008` `Doctorate`

Doğrusal öngörülü kodlama ve adaptif algoritma tabanlı konuşmacı tanıma
ONUR MERAL
`2008` `Master's Degree`

Güç iletim hatlarında ortogonal frekans bölmeli çoğullama ile başarı analizi
EVREN KORALTÜRK
`2008` `Master's Degree`

Sayısal mammografi görüntülerinin iyileştirilmesi
ALİ ÜLGEN
`2008` `Master's Degree`

Duygusal zeka modeli oluşturulması
ÖMER FATİH SAYAN
`2008` `Doctorate`

GSM sistemlerde lokasyon tespiti
ULAŞ ÇELENK
`2007` `Master's Degree`

Geometrik inşa kodlarının üretimi ve başarımı
TUGAY AKBAŞ
`2007` `Doctorate`

THESIS SUPERVISION

Yapay sinir ağları ile beyin tümörü tomografi görüntülerinin sınıflandırılması
SERDAR KARGIN
2007 | Master's Degree

Ağırlıklı dalgacık ağları ve uygulamaları
HASAN DEMİR
2007 | Doctorate

Adaptive and Iterative Equalization Transceiver Designs for Wireless Communication Applications
Oğuz Bayat
2006 | Doctorate

Lmds'in (yerel çok noktalı dağıtım sistemi) İstanbul'daki başarımının incelenmesi
YÜCEL TÜRKER
2006 | Master's Degree

Sürekli faz modülasyonununçok düzeyli turbo kodlanması
NİYAZİ ODABAŞIOĞLU
2006 | Doctorate

İteratif ayrıştırılabilir blok kodlar
GÖKMEN ALTAY
2005 | Doctorate

Bilgisayar ağ yapılarında en iyileme teknikleri
OLCAY AKBULUT
2005 | Master's Degree

Düşük yoğunluklu parite kontrol kodlarının hata başarımı
YEŞİM HEKİM
2005 | Master's Degree

Turbo kodlama tekniklerinin başarımı
ONUR OSMAN
2004 | Doctorate

Hücresel yapay sinir ağ-markov rasgele alan (HYSA-MRA) yöntemi ve yerbilimlerine uygulamaları
HANDE BARGU
2004 | Master's Degree

Biyomedikal işaretlerin Markov rastgele alanları kullanılarak işlenmesi
NİYAZİ KILIÇ
2003 | Master's Degree

Bulanık-yapay sinir ağları ile biyomedikal görüntü işlenmesi
ABDURRAHİM AKGÜNDOĞDU
2003 | Master's Degree

Kısmi yanıtlı sönümlemeli kanallarda uzay-zaman kodlamalı sistemlerin hata başarımı
ÖMER ERKAN
2003 | Master's Degree

Developing A Mechanism For Learning In Engineering Environments
Martin Ziarati
2002 | Doctorate

Hücresel sinir ağları (CNN) modelleri
GÜNAY KURTULDU
2002 | Master's Degree

THESIS SUPERVISION

Sürekli faz modülasyonu haberleşme sistemlerinin hata başarımı
MUSTAFA TOLUNAY
`2002` `Master's Degree`

Sanal özel ağlarda güvenlik
ÖZGÜR SAVUR
`2002` `Master's Degree`

Sürekli faz modülasyonlu kaynak/ kanal sistemlerin sönümlemeli ortamlarda hata başarımı
NİYAZİ ODABAŞIOĞLU
`2002` `Master's Degree`

Rastgele markov alanları ve hücresel sinir ağları ile görüntü işleme
MAHMUT ŞAMİL SAĞIROĞLU
`2001` `Master's Degree`

Hücresel yapay sinir ağları ve görüntü işleme uygulamaları
ATİLLA ÖZMEN
`2001` `Doctorate`

Yapay sinir ağları ile bitkilerin şekillerinin sınıflandırılması (yapraktan bitki tanıma)
ERDEM BİLGİLİ
`1999` `Master's Degree`

COURSES

Course Type	Course Code	Course Name
Master's Degree	EM597	SEMİNER
Master's Degree	BT597	SEMİNER
Master's Degree	ECE597	SEMINAR
Doctorate	ECE698	THESIS PROPOSAL
Doctorate	ECE699	DOCTORAL THESIS
Master's Degree	EBM597	SEMİNER
Bachelor's Degree	CULT101.1	CULTURE AND SOCIETY
Bachelor's Degree	SRP102.1	SOCIAL RESPONSIBILITY PROJECT
Bachelor's Degree	TOS102.1	TOPLUMSAL SORUMLULUK PROJESİ
Bachelor's Degree	EE332	INTRODUCTION TO COMMUNICATION THEORY

PERSONAL INFORMATION

CONTACT INFORMATION

Interview Hours: Salı- 13:00 - 14:00

Mahmutbey Technology Campus
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