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Personal Information

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Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Elektronik Müh. , Turkey 1988 - 1991

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Elektronik Ve Haberleşme Mühendisliği, Turkey 1985 - 1988

Undergraduate, Erciyes University, Mühendislik Fakültesi, Elektronik Müh. Bölümü, Turkey 1979 - 1983

Foreign Languages

English, C1 Advanced

Research Areas

Information Systems, Communication and Control Engineering, Communication Engineering, Information Theory, Communication System Theory, Wireless Communication, Optical Communication, Signal Processing for Communication, Artificial Intelligence, Computer Learning and Pattern Recognition, Biomedical Engineering

Academic Titles / Tasks

Professor, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, 2002 - Continues

Associate Professor, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, 1996 - 2002

Assistant Professor, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, 1992 - 1996

Research Assistant, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, 1984 - 1992

Academic and Administrative Experience

Head of Department, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, 2022 - Continues

Erciyes University, 2022 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, 2016 - Continues

Member of the Senate, Erciyes University, 2015 - 2021

Erciyes University, 2015 - 2021
Head of Department, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, 2011 - 2020
Fakülte Kurulu Üyesi, Erciyes University, Mühendislik Fakültesi, 2011 - 2020
Erciyes University, 2011 - 2020
Erciyes University, 2011 - 2020
Erciyes Üniversitesi, Havacılık ve Uzay Bilimleri Fakültesi, 2012 - 2018
Erciyes University, 2012 - 2018
Head of Department, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, 2010 - 2013
Erciyes University, 2010 - 2013
Fakülte Yönetim Kurulu Üyesi, Erciyes University, İletişim Fakültesi, 2003 - 2006
Erciyes Üniversitesi, Sivil Havacılık Yüksekokulu, 2003 - 2004
Erciyes University, 2003 - 2004
Erciyes Üniversitesi, Mühendislik Fakültesi, 1997 - 2003
Erciyes University, 1997 - 2003
Fakülte Yönetim Kurulu Üyesi, Erciyes University, Mühendislik Fakültesi, 1999 - 2002
Erciyes University, 1999 - 2002

Courses

Discrete Mathematics, Undergraduate, 2023 - 2024
Müh. için Olasılık Teorisi ve İstatistik, Undergraduate, 2019 - 2020
Data Haberleşme Sistemleri, Doctorate, 2018 - 2019
Olasılık ve İstatistik, Undergraduate, 2018 - 2019
Modern Sayısal İletişim Teknikleri, Doctorate, 2019 - 2020
Haberleşme Mühendisliğinin Temelleri, Undergraduate, 2018 - 2019
Olasılık ve Stokastik Prosesler, Postgraduate, 2018 - 2019
Müh. için Diferansiyel Denklemler, Undergraduate, 2018 - 2019
Haberleşmede Kodlama Teknikleri, Postgraduate, 2016 - 2017
Sayısal Haberleşme, Undergraduate, 2014 - 2015
Enformasyon ve Kodlama, Undergraduate, 2013 - 2014
Haberleşme Elektroniği, Undergraduate, 2012 - 2013
Akustik, Undergraduate, 2011 - 2012
Haberleşme Sistemleri, Undergraduate, 2011 - 2012

Advising Theses

Taşpınar N., Cihazdan Cihaza (D2D) Haberleşmede Zeki Optimizasyon Tekniklerini Kullanarak Kaynak Tahsisi, Doctorate, W.Hayder(Student), 2024
Taşpınar N., Bilişsel Radyo Ağlarında Zeki Optimizasyon Teknikleri Kullanılarak Spektrum Algılama, Postgraduate, B.Ketenci(Student), 2024
Taşpınar N., YIĞIN ÇOK GİRİŞLİ ÇOK ÇIKIŞLI SİSTEMLERDE ZEKİ OPTİMİZASYON TEKNİKLERİ KULLANILARAK ENERJİ VE SPEKTRAL VERİMLİLİĞİNİN İNCELENMESİ, Doctorate, B.GÜL(Student), 2024
Taşpınar N., Optik Haberleşme Sistemlerinde Zeki Optimizasyon Teknikleri ile Tepe Gücü / Ortalama Güç Oranının Düşürülmesi, Doctorate, M.ALHALABI(Student), 2023
Taşpınar N., Beşinci nesil dalga formu adaylarında zeki optimizasyon teknikleriyle tepe gücü/ortalama güç oranının düşürülmesi, Doctorate, Ş.ŞİMŞİR(Student), 2021
Taşpınar N., Yığın çok girişli-çok çıkışlı sistemlerde zeki optimizasyon teknikleri kullanarak kanal kestirimi, Postgraduate, A.ERGEÇ(Student), 2021
Taşpınar N., Channel estimation in OFDM system using neural network combined with artificial bee colony algorithm,

Postgraduate, S.RAJPUT(Student), 2018

TAŞPINAR N., Kablosuz Haberleşme Sistemlerinde Zeki Optimizasyon Teknikleri ile Tepe Gücü/Ortalama Güç Oranının Düşürülmesi, Doctorate, M.YILDIRIM(Student), 2018

TAŞPINAR N., Dalgacık tabanlı MC-CDMA sistemlerindeki yüksek güçlü amplifikatörlerde tepe gücü/ortalama güç oranının zeki optimizasyon teknikleri ile düşürülmesi, Postgraduate, W.Hayder(Student), 2018

TAŞPINAR N., Dalgacık Paket Modülasyon Sistemlerinde Tepe Gücü / Ortalama Güç Oranını Düşürme Teknikleri, Doctorate, Y.TOKUR(Student), 2017

TAŞPINAR N., Tek Taşıyıcılı Frekans Bölmeli Çoklu Erişim (SC-FDMA) Sistemlerinde Taşıyıcı Frekans Kaymasının Kestirimi, Postgraduate, M.Balki(Student), 2016

TAŞPINAR N., Dikgen frekans bölmeli çoğullama-serpiştirme bölmeli çoklu erişim (OFDM-IDMA) sistemlerinde yapay zeka teknikleri ile kanal kestirimi, Postgraduate, Ş.Şimşir(Student), 2015

TAŞPINAR N., Görüntü işleme ve esnek hesaplama teknikleri kullanılarak Down sendromunun ayırt edilmesi, Doctorate, Ş.Saraydemir(Student), 2013

TAŞPINAR N., Kablosuz haberleşmede kullanılan karma ARQ sistemleri, Postgraduate, S.Akkaya(Student), 2012

TAŞPINAR N., ÇOK GİRİŞLİ-ÇOK ÇIKIŞLI DİKGEN FREKANS BÖLMELİ ÇOĞULLAMA SİSTEMLERİNDE YAPAY ZEKA TEKNİKLERİ İLE KANAL KESTİRİMİ, Doctorate, N.Seyman(Student), 2011

TAŞPINAR N., ÇOK TAŞIYICILI - KOD BÖLMELİ ÇOKLU ERİŞİM (MC-CDMA) SİSTEMLERİNDE KANAL KESTİRİMİ, Postgraduate, G.Özdemir(Student), 2009

TAŞPINAR N., MIMO OFDM SİSTEMLERDE TEPE GÜCÜ / ORTALAMA GÜÇ ORANINI DÜŞÜRME TEKNİKLERİ VE BU ORANI DÜŞÜRMEK İÇİN BULANIK MANTIK KULLANIMI, Postgraduate, İ.Babaoğlu(Student), 2009

TAŞPINAR N., ÇOK TAŞIYICILI KOD BÖLMELİ ÇOKLU ERİŞİM (MC-CDMA) SİSTEMLERİNDE TEPE GÜCÜ/ORTALAMA GÜÇ ORANININ YAPAY ZEKA TEKNİKLERİ İLE DÜŞÜRÜLMESİ, Postgraduate, M.Yıldırım(Student), 2009

TAŞPINAR N., ÇOK TAŞIYICILI-KOD BÖLMELİ ÇOKLU ERİŞİM SİSTEMLERİNDE ÇOK KULLANICILI SEZME TEKNİKLERİ, Postgraduate, M.Çiçek(Student), 2008

TAŞPINAR N., KOD BÖLMELİ ÇOKLU ERİŞİM SİSTEMLERİNDE ÇOK KULLANICILI SEZME İÇİN YAPAY SİNİR AĞLARI VE BULANIK MANTIK KULLANIMI, Doctorate, Y.Işık(Student), 2006

TAŞPINAR N., DİKGEN FREKANS BÖLMELİ ÇOĞULLAMA (OFDM) SİSTEMLERİNDE SENKRONİZASYON TEKNİKLERİ, Postgraduate, N.Seyman(Student), 2005

TAŞPINAR N., OFDM SİSTEMLERİNDE TEPE GÜCÜ / ORTALAMA GÜÇ ORANINI DÜŞÜRME TEKNİKLERİ VE BU ORANI DÜŞÜRMEK İÇİN YAPAY SİNİR AĞLARI KULLANIMI, Postgraduate, S.İmamoğlu(Student), 2003

TAŞPINAR N., YAPAY SİNİR AĞLARI YARDIMIYLA KONVOLÜSYON KODLARININ ÇÖZÜLMESİ, Postgraduate, H.Doğan(Student), 2000

TAŞPINAR N., SAYISAL İLETİŞİM KANALLARININ YAPAY SİNİR AĞLARI KULLANARAK DENGELENMESİ, Postgraduate, M.Özden(Student), 2000

TAŞPINAR N., KAFES KODLAMALI MODÜLASYON KULLANAN KARMA ARQ SİSTEMLERİNİN TOPLANABİLİR BEYAZ GAUSS GÜRÜLTÜSÜ VE SÖNÜMLÜ KANALLAR İÇİN BAŞARIM ANALİZİ, Doctorate, E.Tuna(Student), 2000

TAŞPINAR N., DELİNİMİŞ KONVOLÜSYON KODLARINI KULLANAN ARQ SİSTEMLERİ, Postgraduate, M.Küçük(Student), 1996

TAŞPINAR N., DURAĞAN OLMAYAN SESÖTESİ DOPPLER İŞARETLERİNİN ZAMANA BAĞIMLI ADAPTİF PARAMETRİK MODELLER İLE MODELLENMESİ, Doctorate, M.Yüksel(Student), 1996

TAŞPINAR N., Sönümlü Kanallın Benzetimi Ve 1. Ve 2. Türden Karma ARQ Şemalarının Bu Kanal Üzerindeki Başarım Analizi, Postgraduate, S.Kesgin(Student), 1995

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optimization of Spectral and Energy Efficiencies Trade-Off Using Multi-objective Forest Optimization Algorithm in Massive MIMO Systems**
GÜL B. K., TAŞPINAR N.
Wireless Personal Communications, vol.137, no.1, pp.399-414, 2024 (SCI-Expanded)
- II. **Bee System-based Self Configurable Optimized Resource Allocation Technique in Device-to-Device**

(D2D) Communication Networks

Mahdi W. H., TAŞPINAR N.

IEEE Access, vol.12, pp.3039-3053, 2024 (SCI-Expanded)

- III. **Pilot Tones Design for Channel Estimation Using Elephant Herding Optimization Algorithm in Massive MIMO Systems**
TAŞPINAR N., Ergec A., Gul B. K.
WIRELESS PERSONAL COMMUNICATIONS, vol.133, no.3, pp.1917-1934, 2023 (SCI-Expanded)
- IV. **A powerful PTS strategy boosted by a novel discrete crow search algorithm for reducing the PAPR of UFMC signals**
ŞİMŞİR Ş., TAŞPINAR N.
JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTECHNICKY CASOPIS, vol.74, no.3, pp.197-209, 2023 (SCI-Expanded)
- V. **Spectral and energy efficiency trade-off in massive MIMO systems using multi-objective bat algorithm**
GÜL B. K., TAŞPINAR N.
JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTECHNICKY CASOPIS, vol.73, no.2, pp.132-139, 2022 (SCI-Expanded)
- VI. **An improved PTS scheme based on a novel discrete invasive weed optimization algorithm for PAPR reduction in the UFMC signal**
ŞİMŞİR Ş., TAŞPINAR N.
NEURAL COMPUTING & APPLICATIONS, vol.33, no.23, pp.16403-16424, 2021 (SCI-Expanded)
- VII. **A novel discrete elephant herding optimization-based PTS scheme to reduce the PAPR of universal filtered multicarrier signal**
Şimşir Ş., TAŞPINAR N.
Engineering Science and Technology, an International Journal, vol.24, pp.1428-1441, 2021 (SCI-Expanded)
- VIII. **Performance investigation of long-haul high data rate optical OFDM IM/DD system with different QAM modulations**
TAŞPINAR N., Alhalabi M.
JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTECHNICKY CASOPIS, vol.72, no.3, pp.192-197, 2021 (SCI-Expanded)
- IX. **Advanced SLM scheme based on discrete forest optimization algorithm for PAPR minimization in UFMC waveform**
Taşpınar N., Şimşir Ş.
WIRELESS NETWORKS, vol.27, no.2, pp.1353-1368, 2021 (SCI-Expanded)
- X. **A novel discrete cuckoo search algorithm-based selective mapping technique to minimize the peak-to-average power ratio of universal filtered multicarrier signal**
ŞİMŞİR Ş., TAŞPINAR N.
INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS, vol.33, no.18, 2020 (SCI-Expanded)
- XI. **An efficient SLM technique based on migrating birds optimization algorithm with cyclic bit flipping mechanism for PAPR reduction in UFMC waveform**
TAŞPINAR N., Şimşir Ş.
Physical Communication, vol.43, 2020 (SCI-Expanded)
- XII. **Cumulative symbol optimization-based partial transmit sequence technique for PAPR reduction in low complexity GFDM system**
Taşpınar N., Şimşir Ş.
Transactions on Emerging Telecommunications Technologies, vol.31, no.6, pp.1-19, 2020 (SCI-Expanded)
- XIII. **Pilot tones design using particle swarm optimization for OFDM-IDMA system**
TAŞPINAR N., ŞİMŞİR Ş.
NEURAL COMPUTING & APPLICATIONS, vol.31, no.9, pp.5299-5308, 2019 (SCI-Expanded)
- XIV. **Dual symbol optimization-based partial transmit sequence technique for PAPR reduction in WOLA-OFDM waveform**

- TAŞPINAR N., ŞİMŞİR Ş.
INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS, vol.32, no.14, 2019 (SCI-Expanded)
- XV. **Advanced pilot design procedure based on HS algorithm for OFDM-IDMA system**
ŞİMŞİR Ş., TAŞPINAR N.
IET COMMUNICATIONS, vol.12, no.10, pp.1155-1162, 2018 (SCI-Expanded)
- XVI. **An efficient technique based on firefly algorithm for pilot design process in OFDM-IDMA systems**
TAŞPINAR N., ŞİMŞİR Ş.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.26, no.2, pp.817-829, 2018 (SCI-Expanded)
- XVII. **Pilot tones design using Grey Wolf Optimizer for OFDM-IDMA system**
ŞİMŞİR Ş., TAŞPINAR N.
PHYSICAL COMMUNICATION, vol.25, pp.259-267, 2017 (SCI-Expanded)
- XVIII. **Peak-to-Average Power Ratio Reduction in Lifting Based Wavelet Packet Modulation Systems Using Differential Evolution Algorithm**
Bozkurt Y. T., TAŞPINAR N.
WIRELESS PERSONAL COMMUNICATIONS, vol.94, no.3, pp.1073-1086, 2017 (SCI-Expanded)
- XIX. **Channel estimation using an adaptive neuro fuzzy inference system in the OFDM-IDMA system**
TAŞPINAR N., Simsir S.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.25, no.1, pp.352-364, 2017 (SCI-Expanded)
- XX. **Peak-to-average power ratio reduction using backtracking search optimization algorithm in OFDM systems**
TAŞPINAR N., Tokur Bozkurt Y.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.4, pp.2307-2316, 2016 (SCI-Expanded)
- XXI. **PAPR reduction using genetic algorithm in lifting-based wavelet packet modulation systems**
TAŞPINAR N., Tokur Bozkurt Y.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.1, pp.184-195, 2016 (SCI-Expanded)
- XXII. **Channel Estimation Using Radial Basis Function Neural Network in OFDM-IDMA System**
Simsir S., TAŞPINAR N.
WIRELESS PERSONAL COMMUNICATIONS, vol.85, no.4, pp.1883-1893, 2015 (SCI-Expanded)
- XXIII. **A Novel Parallel Artificial Bee Colony Algorithm and Its PAPR Reduction Performance Using SLM Scheme in OFDM and MIMO-OFDM Systems**
TAŞPINAR N., YILDIRIM M.
IEEE COMMUNICATIONS LETTERS, vol.19, no.10, pp.1830-1833, 2015 (SCI-Expanded)
- XXIV. **Effects of Training Set Dimension on Recognition of Dysmorphic Faces with Statistical Classifiers**
SARAYDEMİR S., TAŞPINAR N., EROĞUL O., Kayserili H.
INTERNATIONAL ARAB JOURNAL OF INFORMATION TECHNOLOGY, vol.12, no.2, pp.205-211, 2015 (SCI-Expanded)
- XXV. **Radial Basis Function Neural Networks for Channel Estimation in MIMO-OFDM Systems**
Seyman M. N., TAŞPINAR N.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.38, no.8, pp.2173-2178, 2013 (SCI-Expanded)
- XXVI. **Pilot Tones Optimization Using Artificial Bee Colony Algorithm for MIMO-OFDM Systems**
Seyman M. N., TAŞPINAR N.
WIRELESS PERSONAL COMMUNICATIONS, vol.71, no.1, pp.151-163, 2013 (SCI-Expanded)
- XXVII. **Multiuser Detection with Neural Network MAI Detector in CDMA Systems for AWGN and Rayleigh Fading Asynchronous Channels**
TAŞPINAR N., Isik Y.
INTERNATIONAL ARAB JOURNAL OF INFORMATION TECHNOLOGY, vol.10, no.4, pp.413-419, 2013 (SCI-Expanded)
- XXVIII. **Neural network based receiver for multiuser detection in MC-CDMA systems**
TAŞPINAR N., Çiçek M.

- Wireless Personal Communications, vol.68, no.2, pp.463-472, 2013 (SCI-Expanded)
- XXIX. **Symbol detection using the differential evolution algorithm in MIMO-OFDM systems**
Seyman M. N., TAŞPINAR N.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.21, no.2, pp.373-380, 2013 (SCI-Expanded)
- XXX. **Channel estimation based on neural network in space time block coded MIMO-OFDM system**
Seyman M. N., TAŞPINAR N.
DIGITAL SIGNAL PROCESSING, vol.23, no.1, pp.275-280, 2013 (SCI-Expanded)
- XXXI. **Down Syndrome Diagnosis Based on Gabor Wavelet Transform**
SARAYDEMİR S., TAŞPINAR N., EROĞUL O., Kayserili H., Dinçkan N.
JOURNAL OF MEDICAL SYSTEMS, vol.36, no.5, pp.3205-3213, 2012 (SCI-Expanded)
- XXXII. **CHANNEL ESTIMATION BASED ON NEURAL NETWORK WITH FEEDBACK FOR MIMO OFDM MOBILE COMMUNICATION SYSTEMS**
Seyman M. N., TAŞPINAR N.
INTELLIGENT AUTOMATION AND SOFT COMPUTING, vol.18, no.3, pp.307-316, 2012 (SCI-Expanded)
- XXXIII. **MIMO-OFDM Channel Estimation Using ANFIS**
Seyman M. N., TAŞPINAR N.
ELEKTRONIKA IR ELEKTROTEHNIKA, vol.120, no.4, pp.75-78, 2012 (SCI-Expanded)
- XXXIV. **Optimization of pilot tones using differential evolution algorithm in MIMO-OFDM systems**
Seyman M. N., Taspınar N.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.20, no.1, pp.15-23, 2012 (SCI-Expanded)
- XXXV. **Partial Transmit Sequences for PAPR Reduction Using Parallel Tabu Search Algorithm in OFDM Systems**
TAŞPINAR N., KALINLI A., Yildirim M.
IEEE COMMUNICATIONS LETTERS, vol.15, no.9, pp.974-976, 2011 (SCI-Expanded)
- XXXVI. **Partial transmit sequences based on artificial bee colony algorithm for peak-to-average power ratio reduction in multicarrier code division multiple access systems**
TAŞPINAR N., KARABOĞA D., Yildirim M., AKAY B.
IET COMMUNICATIONS, vol.5, no.8, pp.1155-1162, 2011 (SCI-Expanded)
- XXXVII. **PAPR reduction using artificial bee colony algorithm in OFDM systems**
TAŞPINAR N., KARABOĞA D., Yildirim M., AKAY B.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.19, no.1, pp.47-58, 2011 (SCI-Expanded)
- XXXVIII. **Particle swarm optimization for pilot tones design in MIMO-OFDM systems**
Seyman M. N., TAŞPINAR N.
EURASIP JOURNAL ON ADVANCES IN SIGNAL PROCESSING, 2011 (SCI-Expanded)
- XXXIX. **Channel estimation based on adaptive neuro-fuzzy inference system in OFDM**
Seyman M. N., TAŞPINAR N.
IEICE TRANSACTIONS ON COMMUNICATIONS, no.7, pp.2426-2430, 2008 (SCI-Expanded)
- XL. **Multiuser detection with neural network and PIC in CDMA systems for AWGN and Rayleigh fading asynchronous channels**
Işık Y., TAŞPINAR N.
Wireless Personal Communications, vol.43, no.4, pp.1185-1194, 2007 (SCI-Expanded)
- XLI. **The multi-user detection in code division multiple access with adaptive neuro-fuzzy inference system**
IŞIK Y., Taspınar N.
JOURNAL OF INFORMATION SCIENCE AND ENGINEERING, vol.22, no.6, pp.1529-1542, 2006 (SCI-Expanded)
- XLII. **Hybrid SR ARQ scheme using two dimensional trellis coded modulation and code combining for AWGN channel**
TUNA E., Taspınar N.
FREQUENZ, vol.60, pp.130-133, 2006 (SCI-Expanded)

- XLIII. **Fuzzy inference system for multiuser detection in CDMA systems**
IŞIK Y., Taspınar N.
IEICE TRANSACTIONS ON COMMUNICATIONS, no.5, pp.1692-1695, 2006 (SCI-Expanded)
- XLIV. **Multi user detection in asynchronous CDMA systems based on parallel tabu search algorithm**
IŞIK Y., KALINLI A., Taspınar N.
FREQUENZ, vol.59, pp.166-170, 2005 (SCI-Expanded)
- XLV. **Parallel interference cancellation based on neural network in CDMA systems**
IŞIK Y., Taspınar N.
IEICE TRANSACTIONS ON COMMUNICATIONS, no.2, pp.800-806, 2005 (SCI-Expanded)
- XLVI. **Trellis coded hybrid selective repeat ARQ schemes for point-to-multipoint communication over Rayleigh fading channels**
Taspınar N.
WIRELESS PERSONAL COMMUNICATIONS, vol.27, no.2, pp.117-124, 2003 (SCI-Expanded)
- XLVII. **An adaptive hybrid SR ARQ scheme using punctured trellis coded modulation and code combining**
Taspınar N., TUNA E.
IEICE TRANSACTIONS ON COMMUNICATIONS, no.10, pp.2338-2340, 2002 (SCI-Expanded)
- XLVIII. **Hybrid SR ARQ scheme using trellis coded modulation for point-to-multipoint communication over nonstationary channels**
TAŞPINAR N.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.10, no.1, pp.111-118, 2002 (SCI-Expanded)
- XLIX. **A new stop-and-wait type-II hybrid ARQ scheme using rate-compatible convolutional codes**
Taspınar N.
EUROPEAN TRANSACTIONS ON TELECOMMUNICATIONS, vol.7, no.6, pp.581-583, 1996 (SCI-Expanded)
- L. **TYPE-I HYBRID SW ARQ SCHEME USING SEQUENTIAL-DECODING WITH CODE COMBINING AND THE CODE COMPARING TECHNIQUE**
TASPINAR N.
INTERNATIONAL JOURNAL OF ELECTRONICS, vol.76, no.6, pp.993-998, 1994 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Novel SLM Scheme For Peak-To-Average Power Ratio Reduction In WOLA-OFDM System**
Şimşir Ş., Taşpınar N.
Journal of Engineering Sciences and Researches, vol.6, no.2, pp.177-187, 2024 (Peer-Reviewed Journal)
- II. **Cooperative Spectrum Sensing Using Reptile Search Algorithm in Cognitive Radio**
Ketenci B., Taşpınar N., Şamı T. M.
Journal of Engineering Sciences and Researches, vol.5, no.2, pp.383-389, 2023 (Peer-Reviewed Journal)
- III. **Reduction of Peak-to-Average Power Ratio Using SLM Method in OFDM-IM System**
Aközlü K., TAŞPINAR N.
Mühendislik bilimleri ve araştırmaları dergisi (Online), vol.5, no.1, pp.108-114, 2023 (Peer-Reviewed Journal)
- IV. **Bidirectional intensity modulated/direct detection optical OFDM WDM-PON system**
Alhalabi M., TAŞPINAR N., ElNahal F. I.
OPTOELECTRONICS LETTERS, vol.19, no.2, pp.83-87, 2023 (ESCI)
- V. **Resource Allocation Based on SFLA Algorithm for D2D Multicast Communications**
Mahdi W. H., Taşpınar N.
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