

Asst. Prof. Necmiye Özlem ÜNVERDİ

Personal Information

Office Phone: [+90 212 383 5906](tel:+902123835906)

Email: unverdi@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/unverdi>

Address: Yıldız Teknik Üniversitesi, Elektrik - Elektronik Fakültesi, Elektronik ve Haberleşme Mühendisliği Bölümü, Davutpaşa Kampüsü, 34220 Esenler, İstanbul

International Researcher IDs

ScholarID: JKfkj44AAAAJ

ORCID: 0000-0002-3995-3410

ScopusID: 15836226200

Yoksis Researcher ID: 205998

Education Information

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Turkey 1991 - 1998

Postgraduate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Turkey 1989 - 1991

Undergraduate, Yıldız Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, Turkey 1984 - 1989

Dissertations

Doctorate, The Effect of Evanescent Fields of Guided Modes and Leaky Modes on Mutual Coupling of Straight and Bent Optical Waveguides, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, 1998

Postgraduate, Investigation of Propagation Properties in Optical Fibers and Analysis of Bending Loss, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, 1991

Research Areas

Communication Engineering, Optics and Photonics, Passive Circuit Components, Cables, Switches and Connectors, Electromagnetic, Wave Propagation and Remote Sensing, Planar Buildings, Dielectric Materials and Devices, Lasers and Masers, Magnetic Materials and Devices, Optical Materials and Devices, Optoelectronic Materials and Devices, Engineering and Technology

Academic and Administrative Experience

Diğer İdari Görev, Yıldız Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, 2016 - Continues

Bölüm Tanıtım ve Mezunlarla İlişkiler Komisyonu Başkanı, Yıldız Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, 2016 - 2019

Adaptation/Exemption Committee Member, Yıldız Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, 2015 - 2016

Bölüm Kalite Komisyonu Üyesi, Yıldız Technical University, Faculty Of Electrical & Electronics, Electronics And

Communication Engineering, 2014 - 2015

Internship Committee Member, Yildiz Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, 2010 - 2012

Bölüm Tanıtım ve Mezunlarla İlişkiler Komisyonu Üyesi, Yildiz Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, 2008 - 2010

Internship Committee Member, Yildiz Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, 2002 - 2005

Internship Committee Member, Yildiz Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, 1991 - 1993

Courses

Doctorate

Optical Waveguides, Doctorate, 2020 - 2021

Postgraduate

Optical Communications, Postgraduate, 2021 - 2022

Communication Technologies, Postgraduate, 2021 - 2022

Undergraduate

Communication Theory, Undergraduate, 2021 - 2022

Optical Communication Systems, Undergraduate, 2021 - 2022

Taught Courses And Trainings

Ünverdi N. Ö., Kablolü ve Kablosuz İletişim Teknolojileri, 2019 - 2019

Ünverdi N. Ö., Haberleşme Teknolojileri, 2018 - 2018

Articles Published in Other Journals

- I. **ANALYSIS AND APPLICATIONS OF THE HYBRID WDM/TDM PASSIVE OPTICAL NETWORKS**
Koman E., Ünverdi N. Ö.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.37, no.4, pp.1059-1069, 2019 (ESCI)
- II. **AMPLIFIER ANALYSIS OF RADIO OVER FIBER COMMUNICATION SYSTEMS**
Kazancili U. U., Ünverdi N. Ö.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.37, no.3, pp.723-736, 2019 (ESCI)
- III. **Performance analysis and applications of passive optical networks**
Güre Ö., Ünverdi N. Ö.
Istanbul University - Journal of Electrical and Electronics Engineering, vol.14, no.2, pp.1843-1848, 2015 (Scopus)
- IV. **Optik Doğrultu Kuplörlerinde Performans Analizi**
Ünverdi N. Ö., Ünverdi N. A.
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, vol.1, no.1, pp.21-30, 2010 (Peer-Reviewed Journal)
- V. **Asansör Sistemlerindeki İletişim Mekanizması**
Ünverdi N. Ö., Ünverdi N. A.
Mühendis ve Makina, vol.51, no.611, pp.23-29, 2010 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **Analysis and Optimization of Optical Communication Systems According to Transmission Channels**
Optik Haberleşme Sistemlerinin İletim Kanallarına Göre Analizi ve Optimizasyonu
Öztürk İ., ÜNVERDİ N. Ö.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024
- II. **Maritime Applications and Modeling of Optical Communication Technology**
Optik Haberleşme Teknolojisinin Denizcilikteki Uygulamaları ve Modellenmesi
Özgün Ö., ÜNVERDİ N. Ö.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024
- III. **Modeling of Doped Amplifiers and Filters in Hybrid Optical Communication Systems**
Hibrit Optik Haberleşme Sistemlerinde Katkılı Kuvvetlendiricilerin ve Filtrelerin Modellenmesi
Özdemir M. E., ÜNVERDİ N. Ö.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024
- IV. **Performance Analysis in WDM/TDM Passive Optical Networks**
WDM/TDM Pasif Optik Ağlarda Performans Analizi
Kopuz B., ÜNVERDİ N. Ö.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024
- V. **Performance Analysis in Gigabit Passive Optical Networks**
Gigabit Pasif Optik Ağlarda Performans Analizi
Doğan B., ÜNVERDİ N. Ö.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024
- VI. **Effect of Deblurring on the Value of the Modulation Transfer Function of Electro-Optical Satellite Images**
Bulanıklık Giderme İşleminin Elektro-Optik Uydu Görüntülerinin Modülasyon Transfer Fonksiyonu Değeri Üzerindeki Etkisi
Bayrakçı E., Yazıcı A. B., Erpolat T. B., ÜNVERDİ N. Ö.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024
- VII. **LoRa Technology Overview and Smart Parking System Design**
LoRa Teknolojisine Genel Bakış ve Akıllı Park Sistemi Tasarımı
Yazıcı A. B., ÜNVERDİ N. Ö.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024
- VIII. **Modeling of Transmitter and Receiver Layers in Hybrid Fiber Optic and Free Space Optical Communication**
Hibrit Yapıdaki Fiber Optik ve Serbest Uzay Optik Haberleşmesinde Verici ve Alıcı Katlarının Modellenmesi
Özdemir M. E., ÜNVERDİ N. Ö.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024
- IX. **Modeling of Radio Communication over Fiber in Rail Transportation Systems**
Raylı Ulaşım Sistemlerinde Fiber Üzerinden Radyo Haberleşmesinin Modellenmesi
Yavuz Ü., ÜNVERDİ N. Ö.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Turkey, 15 - 18 May 2024
- X. **Modeling of Free-Space Optical Communications in Aviation**
Havacılıkta Kullanılan Serbest Uzay Optik Haberleşmesinin Modellenmesi
Durali A., ÜNVERDİ N. Ö.
31st IEEE Conference on Signal Processing and Communications Applications, SIU 2023, İstanbul, Turkey, 5 - 08

July 2023

- XI. **Modeling of Hybrid Fiber Optic and Free-Space Optical Communication Systems Hibrit Yapidaki Fiber Optik ve Serbest Uzay Optik Haberleşme Sistemlerinin Modellenmesi**
Kilinç Evran S., ÜNVERDİ N. Ö.
31st IEEE Conference on Signal Processing and Communications Applications, SIU 2023, İstanbul, Turkey, 5 - 08 July 2023
- XII. **Performance Analysis of Optical Filters Optik Filtrelerin Performans Analizi**
Ataş M., ÜNVERDİ N. Ö.
31st IEEE Conference on Signal Processing and Communications Applications, SIU 2023, İstanbul, Turkey, 5 - 08 July 2023
- XIII. **Analysis of a Free-Space Optical Communication System Serbest Uzay Optik Haberleşme Sisteminin Analizi**
Kilinç Evran S., ÜNVERDİ N. Ö.
31st IEEE Conference on Signal Processing and Communications Applications, SIU 2023, İstanbul, Turkey, 5 - 08 July 2023
- XIV. **Investigation of Optical Communication Systems Used in Different Media Farkli Ortamlarda Kullanilan Optik Haberleşme Sistemlerinin Incelenmesi**
Kose A. H., ÜNVERDİ N. Ö.
30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Turkey, 15 - 18 May 2022
- XV. **Pulse Generator Applications in Radio Over Fiber Communication Systems**
Kazancili U. U., ÜNVERDİ N. Ö.
29th IEEE Conference on Signal Processing and Communications Applications (SIU), ELECTR NETWORK, 9 - 11 June 2021
- XVI. **Comparision of Doped Optical Fiber Amplifiers**
Kose A. H., ÜNVERDİ N. Ö.
29th IEEE Conference on Signal Processing and Communications Applications (SIU), ELECTR NETWORK, 9 - 11 June 2021
- XVII. **Modeling of Gigabit Passive Optical Networks**
Burhan Sert A., ÜNVERDİ N. Ö.
29th IEEE Conference on Signal Processing and Communications Applications (SIU), ELECTR NETWORK, 9 - 11 June 2021
- XVIII. **Benchmarking on Performances of Active and Passive Optical Networks**
Korkmaz E., ÜNVERDİ N. Ö.
29th IEEE Conference on Signal Processing and Communications Applications (SIU), ELECTR NETWORK, 9 - 11 June 2021
- XIX. **Comparison of Optical Filters in Free Space Optical Communication Systems under Various Weather Conditions**
ATABAY Ş., ÜNVERDİ N. Ö.
11th International Conference on Electrical and Electronics Engineering, ELECO 2019, Bursa, Turkey, 28 - 30 November 2019, pp.422-426
- XX. **Applications of FTTX technology in optical communication systems Optik Haberleşme Sistemlerinde FTTX Teknolojisi Uygulamaları**
Kiyicioglu D., ÜNVERDİ N. Ö.
26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Turkey, 2 - 05 May 2018, pp.1-4
- XXI. **Analysis and applications of fiber Bragg gratings Fiber Bragg Izgaralarin Analizi ve Uygulamaları**
Alkocak S., ÜNVERDİ N. Ö.
26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Turkey, 2 - 05 May 2018, pp.1-4
- XXII. **Feasibility of applying pattern search optimization to optical couplers Örüntü tarama**

optimizasyonunun optik kablörlere uygulanabilirliği

ÖZKAN BAKBAK P., ÜNVERDİ N. Ö.

26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Turkey, 2 - 05 May 2018, pp.1-4

XXIII. Analysis and Applications of Fiber Bragg Gratings

Alkocak S., ÜNVERDİ N. Ö.

26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

XXIV. Applications of FTTX Technology in Optical Communication Systems

Kiyicioglu D., ÜNVERDİ N. Ö.

26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

XXV. Feasibility of Applying Pattern Search Optimization to Optical Couplers

Ozkan-Bakbak P., ÜNVERDİ N. Ö.

26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

XXVI. FTTX Analysis and Applications

Akgun T., ÜNVERDİ N. Ö.

24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.2237-2240

XXVII. Applications of Optical Fiber Bragg Grating Sensors in Optical Communication Systems

Balci S., ÜNVERDİ N. Ö.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2678-2681

XXVIII. PERFORMANCES OF SOME APPLICATIONS IN PASSIVE OPTICAL NETWORKS

Catalbas C., ÜNVERDİ N. Ö.

22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.2261-2264

XXIX. Wavelength division multiplexing applications in optical communication systems Optik haberleşme sistemlerinde dalgaboyu bölmeli Çoğullama uygulamaları

Boz I., ÜNVERDİ N. Ö.

2013 21st Signal Processing and Communications Applications Conference, SIU 2013, Haspolat, Turkey, 24 - 26 April 2013

XXX. Wavelength Division Multiplexing Applications in Optical Communication Systems

Boz I., ÜNVERDİ N. Ö.

21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013

XXXI. Gain analysis of Erbium and Ytterbium doped optical fiber amplifiers Erbiyum ve İterbiyum katkili optik fiber kuvvetlendiricilerin kazanç analizi

Küçükarslan T., ÜNVERDİ N. Ö.

2012 20th Signal Processing and Communications Applications Conference, SIU 2012, Fethiye, Mugla, Turkey, 18 - 20 April 2012

XXXII. Optical communication systems and applications in railway transportation systems Rayli ulaşımında optik haberleşme sistemleri ve uygulamaları

ÜNVERDİ N. Ö., Ünverdi N. A.

2012 20th Signal Processing and Communications Applications Conference, SIU 2012, Fethiye, Mugla, Turkey, 18 - 20 April 2012

XXXIII. Gain flattening in a Raman amplifier Raman kuvvetlendiricide kazancin düzleşti rilmesi

ÜNAL M., Hacısalıhoğlu Y., ÜNVERDİ N. Ö.

2011 IEEE 19th Signal Processing and Communications Applications Conference, SIU 2011, Antalya, Turkey, 20 - 22 April 2011, pp.1204-1207

XXXIV. Artificial neural network model for optical waveguides Optik dalga kılavuzunun yapay sinir ağı ile modellenmesi

Bakbak P., ÜNVERDİ N. Ö.

18th IEEE Signal Processing and Communications Applications Conference, SIU 2010, Diyarbakır, Turkey, 22 - 24

April 2010, pp.228-231

- XXXV. **Analysis of the service quality on MPLS networks**
Gure O., Boyaci B., ÜNVERDİ N. Ö.
5th European Conference on Circuits and Systems for Communications, ECCSC'10, Belgrade, Serbia, 23 - 25
November 2010, pp.43-46
- XXXVI. **Data analysis in optical circuit elements Optik devre elemanlarında veri analizi**
ÜNVERDİ N. Ö., Ünverdi N. A.
18th IEEE Signal Processing and Communications Applications Conference, SIU 2010, Diyarbakır, Turkey, 22 - 24
April 2010, pp.244-247
- XXXVII. **Modelling - Simulation and gain flattening improvements for an erbium doped fiber amplifier**
Altiner B., ÜNVERDİ N. Ö.
ISOT 2009 - International Symposium on Optomechatronic Technologies, İstanbul, Turkey, 21 - 23 September
2009, pp.451-454
- XXXVIII. **Data transmission in optical communication systems Optik haberleşme sistemlerinde veri iletimi**
ÜNVERDİ N. Ö., Ünverdi N. A.
2009 IEEE 17th Signal Processing and Communications Applications Conference, SIU 2009, Antalya, Turkey, 9 - 11
April 2009, pp.796-799
- XXXIX. **Performance analysis of erbium doped fiber amplifiers Erbium katkili fiber kuvvetlendiricilerde performans analizi**
Akça G. E., Arisan B., Koyuncu O., ÜNVERDİ N. Ö.
2009 IEEE 17th Signal Processing and Communications Applications Conference, SIU 2009, Antalya, Turkey, 9 - 11
April 2009, pp.792-795
- XL. **Data Transmission in Optical Communication Systems**
ÜNVERDİ N. Ö., Ünverdi N. A.
IEEE 17th Signal Processing and Communications Applications Conference, Antalya, Turkey, 9 - 11 April 2009,
pp.1006-1007
- XLI. **Performance Analysis of Erbium Doped Fiber Amplifiers**
Akca G. E., Arisan B., Koyuncu O., Uenverdi N. Ö.
IEEE 17th Signal Processing and Communications Applications Conference, Antalya, Turkey, 9 - 11 April 2009,
pp.1002-1005
- XLII. **Modeling the boundary conditions of guided modes of an optical waveguide with artificial neural networks Optik dalga kılavuzunda iletilen kılavuzlanmış modlardaki sinir koşullarının yapay sinir ağı (YSA) ile modellenmesi**
Bakbak P. Ö., ÜNVERDİ N. Ö.
2008 IEEE 16th Signal Processing, Communication and Applications Conference, SIU, Aydın, Turkey, 20 - 22 April
2008
- XLIII. **Modeling the Boundary Conditions of Guided Modes of an Optical Waveguide with Artificial Neural Networks**
Bakbak P. O., Uenverdi N. Ö.
IEEE 16th Signal Processing and Communications Applications Conference, Aydın, Turkey, 20 - 22 April 2008,
pp.894-897
- XLIV. **Data Transmission in an Optical Directional Coupler**
Uenverdi N. Ö., Uenverdi N. A.
IEEE 16th Signal Processing and Communications Applications Conference, Aydın, Turkey, 20 - 22 April 2008,
pp.908-910
- XLV. **The effect of temperature to the performance of coupled bent optical waveguides Sicaklığın kuple bükülmüş optik dalga kılavuzlarının performansına etkisi**
ÜNVERDİ N. Ö., Ünverdi N. A., Canbay C.
2007 IEEE 15th Signal Processing and Communications Applications, SIU, Eskişehir, Turkey, 11 - 13 June 2007
- XLVI. **Loss analysis of optical directional couplers Optik doğrultu kuplörlerinde kayıp analizi**
ÜNVERDİ N. Ö., Ünverdi N. A.

- 2007 IEEE 15th Signal Processing and Communications Applications, SIU, Eskişehir, Turkey, 11 - 13 June 2007
- XLVII. **Loss analysis of optical directional couplers**
Uenverdi N. Ö., Uenverdi N. A.
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.64-65
- XLVIII. **The effect of temperature to the performance of coupled bent optical waveguides**
Uenverdi N. Ö., Uenverdi N. A., Canbay C.
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.67-68
- XLIX. **Performance analysis in optical networks Optik ağlarda performans analizi**
ÜNVERDİ N. Ö., Ünverdi N. A.
2006 IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 17 - 19 April 2006, vol.2006
- L. **Propagation analysis in optical fiber interferometric sensors Optik fiber interferometrik sensörlerde propagasyon analizi**
ÜNVERDİ N. Ö., Türkmen Ö.
2006 IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 17 - 19 April 2006, vol.2006
- LI. **Performance analysis in optical networks**
ÜNVERDİ N. Ö., Unverdi N. A.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.908-909
- LII. **Propagation analysis in optical fiber interferometric sensors**
ÜNVERDİ N. Ö., Turkmen O.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.900-901
- LIII. **Coupling analysis in optical directional couplers Optik doğrultu kuplörlerinde kuplaj analizi**
ÜNVERDİ N. Ö., Ünverdi N. A., Bayir N.
IEEE 13th Signal Processing and Communications Applications Conference, SIU 2005, Kayseri, Turkey, 16 - 18 May 2005, vol.2005, pp.609-612
- LIV. **Mutual coupling analysis between bent optical fibers**
ÜNVERDİ N. Ö., Canbay C.
Proceedings of the 1996 8th Mediterranean Electrotechnical Conference, MELECON'06. Part 3 (of 3), Bari, Italy, 13 - 16 May 1996, vol.2, pp.697-700

Supported Projects

- ÜNVERDİ N. Ö., Özgün Ö., Project Supported by Higher Education Institutions, İletişim Teknolojilerinin Akıllı Şehirlerdeki Analizi ve Uygulamaları, 2025 - Continues
- ÜNVERDİ N. Ö., Naderi N., Project Supported by Higher Education Institutions, İletişim Teknolojilerinin Akıllı Sistemlerdeki Analizi ve Uygulamaları, 2025 - Continues
- ÜNVERDİ N. Ö., Mbarak H. A., Project Supported by Higher Education Institutions, Hücresel Haberleşme Teknolojilerinde Kullanılan Optik Haberleşme Sistemlerinin Analizi ve Uygulamaları, 2023 - Continues
- ÜNVERDİ N. Ö., Öztürk İ., Project Supported by Higher Education Institutions, Optik Haberleşme Sistemlerinin Optimizasyonu, 2022 - Continues
- Ünverdi N. Ö., TUBITAK Project, Sürü İHALarda LİDAR Teknolojisinin Kullanımı ve Etkinlik Analizi, 2024 - 2025
- Ünverdi N. Ö., Industrial Thesis Project, Sürü İnsansız Hava Araçlarında Optik Haberleşme Sistemleri Uygulamaları, 2023 - 2024
- Ünverdi N. Ö., Industrial Thesis Project, Sürü İHALarda LİDAR Teknolojisinin Kullanımı ve Etkinlik Analizi, 2023 - 2024
- Ünverdi N. Ö., Ayyıldız M. E., Öner F., Turan İ. Y., TUBITAK Project, Örüntü Tarama Optimizasyonunun 6G için Ayarlanabilir Akıllı Yüzeyler (RIS) Üzerine Uygulanabilirliği, 2023 - 2024
- ÜNVERDİ N. Ö., YILMAZ O. M., Project Supported by Higher Education Institutions, Fotonik Kristallerin Analizi ve Modellenmesi, 2023 - 2024
- ÜNVERDİ N. Ö., Durali A., Project Supported by Higher Education Institutions, Havacılıkta Kullanılan Haberleşme

Sistemlerinin Analizi ve Uygulamaları, 2022 - 2024

ÜNVERDİ N. Ö., ÜNVERDİ N. A., Project Supported by Higher Education Institutions, Fiber Optik Kabloların Mukavemet ve Veri İletimi Performansı, 2022 - 2024

Ünverdi N. Ö., Erpolat T. B., Bayrakçı E., TUBITAK Project, Use of Free Space Optical Communication Technology in Communication Between Low and High Orbit Satellites, 2022 - 2023

Ünverdi N. Ö., Kapçık A., Özseser E., Industrial Thesis Project, Design of Redundancy Ring Structures in the Scope of the Payload Subsystem of Communication Satellites, 2022 - 2023

Ünverdi N. Ö., Bayrakçı E., Erpolat T. B., Yazıcı A. B., Industrial Thesis Project, Effect of Deblurring Process on Mtf (Modulation Transfer Function) Value of Electro-Optical Satellite Images, 2022 - 2023

Ünverdi N. Ö., Yıldız U., Okumuş M. E., Seven M., Aykış B., Sürkit İ. F., Industrial Thesis Project, Angle of Attack and Angle of Slip Estimation Methods, 2022 - 2023

Ünverdi N. Ö., Kaya Ş. Y., Yüce A. Y., Nayir B. K., Industrial Thesis Project, Developing Herd UAV Concept Test Software, 2022 - 2023

Ünverdi N. Ö., Kaya Y., Seven M., Okumuş M. E., TUBITAK Project, Analysis and Optimization of Radio Communications over Fiber, 2022 - 2023

Ünverdi N. Ö., Özgün Ö., Sarıtaş M., Industrial Thesis Project, Usability Analysis of FBG Sensors in Fuel Level Monitoring, 2021 - 2022

ÜNVERDİ N. Ö., Project Supported by Higher Education Institutions, Farklı Ortamlardaki Optik Haberleşme Sistemlerinin Karşılaştırmalı Performans Analizi, 2012 - 2015

ÜNVERDİ N. Ö., Project Supported by Higher Education Institutions, Pasif Optik Ağların Analizi ve Uygulamaları, 2011 - 2013

Activities in Scientific Journals

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Editor, 2015 - Continues

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, Editor, 2015 - Continues

Metrics

Publication: 59

Citation (Scopus): 15

H-Index (Scopus): 2

Non Academic Experience

YILDIZ TEKNİK ÜNİVERSİTESİ, YARDIMCI DOÇENT DOKTOR

YILDIZ TEKNİK ÜNİVERSİTESİ, ARAŞTIRMA GÖREVLİSİ DOKTOR

YILDIZ TEKNİK ÜNİVERSİTESİ, ARAŞTIRMA GÖREVLİSİ