

Prof. MÜSLÜM CENGİZ TAPLAMACIOĞLU

Personal Information

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Education Information

Doctorate, University of Wales, Cardiff, England 1988 - 1993

Post Graduate, Gazi University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), Turkey 1984 - 1986

Post Graduate, Middle East Technical University, Fen Bilimleri Enstitüsü, Elektrik Ve Elektronik Mühendisliği (YI) (Tezli), Turkey 1984 - 1986

Under Graduate, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1979 - 1983

Dissertations

Doctorate, ELECTRIC POTENTIAL AND FIELD MODIFICATION BY CORONA IN HIGH VOLTAGE SYSTEMS, University of Wales, Cardiff, 1993

Post Graduate, DESIGN AND CONSTRUCTION OF A PURE HUGH VOLTAGE CAPACITANCE DIVIDER, Middle East Technical University, Fen Bilimleri Enstitüsü, Elektrik Ve Elektronik Mühendisliği (YI) (Tezli), 1986

Post Graduate, SINIF GEÇME STATÜSÜ UYGULANAN FAKÜLTELERDE ÖĞRENCİ HAREKETLİLİĞİN MARKOV MODELİ, Gazi University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), 1986

Research Areas

Electrical and Electronics Engineering

Academic Titles / Tasks

Professor, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2000 - Continues

Associate Professor, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1994 - 1999

Assistant Professor, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1994 - 1994

Lecturer PhD, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1993 - 1994

Research Assistant, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1984 - 1993

Academic and Administrative Experience

University Of Turkish Aeronautical Association, Mühendislik Fakültesi, 2012 - 2013

University Of Turkish Aeronautical Association, Rektörlük, 2012 - 2013

Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2001 - 2012

Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1995 - 2012

Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1995 - 1996

Advancing Researches

- TAPLAMACIOĞLU M. C. , YENİLENEBİLİR ENERJİ SİSTEMLERİNDE YAPAY ZEKA ALGORİTMALARI İLE MAKSİMUM GÜÇ OPTİMİZASYONU, Doctorate, A.OSMAN(Student), 2020
- TAPLAMACIOĞLU M. C. , M bus protokolü ile sayaçların uzaktan okunması, Post Graduate, T.GÜVEN(Student), 2019
- TAPLAMACIOĞLU M. C. , Bir paraşüt simülasyonunun tasarımı ve geliştirilmesi, Post Graduate, C.DURAN(Student), 2019
- TAPLAMACIOĞLU M. C. , Raylı sistemlerde kullanılan örnek bir cer trafosunun analizi ve tasarımı, Post Graduate, M.MUN(Student), 2019
- TAPLAMACIOĞLU M. C. , Güç sistemlerindeki reaktif güç dağıtım probleminin yeni sezgisel algoritmalarla optimizasyonu, Doctorate, E.YALÇIN(Student), 2019
- TAPLAMACIOĞLU M. C. , Elektronik iletişim ve bilgi işlem sistemlerinde topraklama ve koruma, Post Graduate, A.UNCU(Student), 2019
- TAPLAMACIOĞLU M. C. , Optimal Pd Controller Design Based On Partical Swarm Optimisation Algorithm For 154 Kv / 34,5 Kv Oltc Transformer, Post Graduate, M.AKIL(Student), 2019
- TAPLAMACIOĞLU M. C. , Active Power Control And Fault Analysis Of Modular Multilevel Converter Based HvdC System Optimized By Sine-Cosine Algorithm, Post Graduate, H.YAKUPOĞLU(Student), 2019
- TAPLAMACIOĞLU M. C. , Optimization and simulation of pv chp system, Post Graduate, N.BURGU(Student), 2019
- TAPLAMACIOĞLU M. C. , Design and comparison Perturb & Observe, fuzzy logic and anfis based MPPT controller for PV system, Post Graduate, G.NAZLI(Student), 2019
- TAPLAMACIOĞLU M. C. , KARAKAYA M., Investigation Of The Effect Of Renewable And Nuclear Power Plants On Frequency Control On A Multi-Area Model, Post Graduate, M.FURKAN(Student), 2019
- TAPLAMACIOĞLU M. C. , Ship Electrical System And Hydrogen Fuel Cell Feeding Emergency Generator Partial Loads Models, Post Graduate, Z.KONAR(Student), 2019
- TAPLAMACIOĞLU M. C. , Raylı Sistem Uygulamaları İçin Bir Ultra-Kapasitör Tabanlı Geri Kazanımlı Frenleme Sistemi, Post Graduate, A.TALHA(Student), 2019
- TAPLAMACIOĞLU M. C. , Stability Analysis In Power Systems, Post Graduate, M.DEMİRCİ(Student), 2018
- TAPLAMACIOĞLU M. C. , The Effect Of Automatic Meter Reading System To The Energy Efficiency, Post Graduate, Ö.BAYKARA(Student), 2018
- TAPLAMACIOĞLU M. C. , Analysis Of The Effect Of Renewable Energy Integration On Steady-State Voltage Stability With Dynamic Optimal Power Flow And Case Study On The Turkey'S Electricity Network, Post Graduate, B.BAYDAR(Student), 2018
- TAPLAMACIOĞLU M. C. , Integrated Real-Time Sensor For Mobile Systems/Robots Navigation, Doctorate, H.KOCA(Student), 2017
- TAPLAMACIOĞLU M. C. , Design Of Power Transformer Under Load Tap Changer, Post Graduate, A.FARID(Student), 2017
- TAPLAMACIOĞLU M. C. , Economic Load And Emission Dispatch Analysis At Power Systems, Post Graduate, M.SAKA(Student), 2017
- TAPLAMACIOĞLU M. C. , The solution of the optimal power flow problem using vortex search algorithm, Post Graduate, Ö.AYDIN(Student), 2017
- TAPLAMACIOĞLU M. C. , Design and implementation of a new wave energy system to produce electric energy, Post Graduate, A.OSMAN(Student), 2014
- TAPLAMACIOĞLU M. C. , Heating systems used in circulation pumps control in terms of energy efficiency in analytical investigation, Post Graduate, D.CAN(Student), 2014
- TAPLAMACIOĞLU M. C. , Wind basin planning and analyse of effects of wind power plants on the grid with digilent program, Post Graduate, G.SAMANCIOĞLU(Student), 2014
- TAPLAMACIOĞLU M. C. , The pharma control system, Post Graduate, Z.BALA(Student), 2013
- TAPLAMACIOĞLU M. C. , Modeling and forecasting of Turkey's long term electricity consumption with least square support vector machines, Doctorate, F.KAYTEZ(Student), 2012
- TAPLAMACIOĞLU M. C. , Modelng of distributed generation plants in low voltage and medium voltage distribution networks with matlab/simulnk program, Post Graduate, M.HAZAR(Student), 2011
- TAPLAMACIOĞLU M. C. , Design of robust power system stabilizer based on artificial bee colony algorithm, Doctorate, İ.EKE(Student), 2011
- TAPLAMACIOĞLU M. C. , Radyasyon onkolojisinde yapay sinir ağı uygulaması, Post Graduate, M.EMİN(Student), 2010

TAPLAMACIOĞLU M. C. , Nesne tabanlı robot sistem uygulamaları geliştirme, Post Graduate, H.AYTEKİN(Student), 2010

TAPLAMACIOĞLU M. C. , Güç sistemlerinde yapay arı kolonisi algoritması yöntemi ile yük frekans kontrolü optimizasyonu, Doctorate, H.GÖZDE(Student), 2010

TAPLAMACIOĞLU M. C. , Monokristal, polikristal ve amorf-silisyum güneş panellerinin verimliliğinin incelenmesi ve aydınlatma sistemi uygulaması, Post Graduate, A.ERKUL(Student), 2010

TAPLAMACIOĞLU M. C. , Tek kanallı toplamsal gürültülü konuşma sinyali iyileştirme, Post Graduate, S.CECELİOĞLU(Student), 2010

TAPLAMACIOĞLU M. C. , Gerilim beslemeli ve akım beslemeli üç fazlı şönt aktif güç filtresinin karşılaştırması ve simülasyonu, Post Graduate, H.ANWAR(Student), 2009

TAPLAMACIOĞLU M. C. , ELECTROSTATIC FILTERS AND INDUSTRIAL APPLICATIONS, Post Graduate, Ö.ALACA(Student), 2007

TAPLAMACIOĞLU M. C. , SOLUTION TECHNIQUES IN LIGHTING ENGINEERING WITH ADVANCED METHODS, Post Graduate, S.ERDEM(Student), 2007

TAPLAMACIOĞLU M. C. , Enerji sistemlerinde 400 kVA'ya kadar kuru tip trafolar, verimi etkileyen faktörler ve tipik örnek, Post Graduate, B.ÖZYALÇIN(Student), 2007

TAPLAMACIOĞLU M. C. , Elektronik sayaçlarda kullanılmak üzere uzaktan gprs modül ile elektronik elektrik sayacı okuma uygulaması, Post Graduate, H.ŞAHİN(Student), 2007

TAPLAMACIOĞLU M. C. , Enerji hattı haberleşmeciliği ve modellemesi, Post Graduate, G.ASLAN(Student), 2007

TAPLAMACIOĞLU M. C. , ROBOT MANIPULATOR CONTROL, Post Graduate, H.KOCA(Student), 2007

TAPLAMACIOĞLU M. C. , 400 kV reaktörlü iletim hatlarında tek-faz tekrar kapamanın incelenmesi, Post Graduate, M.ÖZDEMİR(Student), 2006

TAPLAMACIOĞLU M. C. , Elektrik enerjisinde yük tahmini yöntemleri ve Türkiye'nin 2005-2020 yılları arasındaki elektrik enerjisi talep gelişimi ve arz planlaması, Post Graduate, U.CAN(Student), 2006

TAPLAMACIOĞLU M. C. , Yüksek gerilim iletim hatlarında hat geometrisine bağlı olarak elektrik ve manyetik alan analizi, Post Graduate, M.MUSTAFA(Student), 2006

TAPLAMACIOĞLU M. C. , Wind energy policies of Turkey and integration of the wind power plants to interconnected system, Post Graduate, S.İLKER(Student), 2005

TAPLAMACIOĞLU M. C. , Yük tahmin yöntemleri ve Ankara merkez metropol alan için regresyon analizi yöntemi kullanılarak uygulanması, Post Graduate, F.ŞENER(Student), 2005

TAPLAMACIOĞLU M. C. , Scada ve otomasyon sistemlerinin dağıtım şebekelerinde uygulanması, Post Graduate, F.ERDEM(Student), 2005

TAPLAMACIOĞLU M. C. , Yıldırım analizi ve yıldırım düşme risk hesabı, Post Graduate, Y.SALİH(Student), 2005

TAPLAMACIOĞLU M. C. , Dağıtım sisteminin özelleştirilmesi ve yapay sinir ağları ile yük tahmini, Post Graduate, H.AYBİKE(Student), 2005

TAPLAMACIOĞLU M. C. , Enerji iletim hatları üzerinden haberleşme ve veri iletimi, Post Graduate, E.ÖZDEMİR(Student), 2003

TAPLAMACIOĞLU M. C. , Yüksek gerilim aparatlarında elektro - optik metoduyla akım ve gerilim ölçüleri, Post Graduate, H.YILMAZ(Student), 2002

TAPLAMACIOĞLU M. C. , Geniş elektrot açıklıklarında korona akım ve elektrik alan analizi, Post Graduate, Ö.SAYILIR(Student), 2001

TAPLAMACIOĞLU M. C. , Koaksiyel, paraksiyel ve çubuk düzlem geometrilerde korona başlangıç voltaj ve elektrik alan analizi, Post Graduate, M.ZİLE(Student), 1999

TAPLAMACIOĞLU M. C. , Asenkron motor hız kontrolü ve uygulamalarında programlanabilir mantıksal kontrol cihazı, Post Graduate, Ö.FARUK(Student), 1999

TAPLAMACIOĞLU M. C. , Sonlu farklar metodu ile elektrik alan çözümleri, Post Graduate, S.AYDIN(Student), 1998

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

1. Heuristic optimization based dynamic weighted state feedback approach for 2DOF PI-controller in automatic voltage regulator

EKE İ., SAKA M., Gozde H., Arya Y., TAPLAMACIOĞLU M. C.

ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, vol.24, no.4, pp.899-910, 2021 (Journal Indexed in SCI)

- II. **A novel hybrid global optimization algorithm having training strategy: hybrid Taguchi-vortex search algorithm**
SAKA M., Coban M., EKE İ., TEZCAN S. S. , TAPLAMACIOĞLU M. C.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.29, no.4, pp.1908-1930, 2021 (Journal Indexed in SCI)
- III. **A new chaos and global competitive ranking-based symbiotic organisms search algorithm for solving reactive power dispatch problem with discrete and continuous control variable**
Yalcin E., ÇAM E., TAPLAMACIOĞLU M. C.
ELECTRICAL ENGINEERING, vol.102, no.2, pp.573-590, 2020 (Journal Indexed in SCI)
- IV. **Power system harmonic and interharmonic estimation using Vortex Search Algorithm**
ALTINTAŞI Ç., AYDIN Ö., TAPLAMACIOĞLU M. C. , SALOR DURNA Ö.
ELECTRIC POWER SYSTEMS RESEARCH, vol.182, 2020 (Journal Indexed in SCI)
- V. **Resilient Optimal Power Flow with Evolutionary Computation Methods: Short Survey**
Baydar B., Gozde H., TAPLAMACIOĞLU M. C. , Kucuk A. O.
POWER SYSTEMS RESILIENCE: MODELING, ANALYSIS AND PRACTICE, pp.163-189, 2019 (Journal Indexed in SCI)
- VI. **Forecasting electricity consumption: A comparison of regression analysis, neural networks and least squares support vector machines**
Kaytez F., TAPLAMACIOĞLU M. C. , ÇAM E., HARDALAÇ F.
INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol.67, pp.431-438, 2015 (Journal Indexed in SCI)
- VII. **Comparative performance analysis of Artificial Bee Colony algorithm in automatic generation control for interconnected reheat thermal power system**
Gozde H., TAPLAMACIOĞLU M. C. , Kocaarslan I.
INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol.42, no.1, pp.167-178, 2012 (Journal Indexed in SCI)
- VIII. **Comparative performance analysis of artificial bee colony algorithm for automatic voltage regulator (AVR) system**
Gozde H., TAPLAMACIOĞLU M. C.
JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS, vol.348, no.8, pp.1927-1946, 2011 (Journal Indexed in SCI)
- IX. **DESIGN OF ROBUST POWER SYSTEM STABILIZER BASED ON ARTIFICIAL BEE COLONY ALGORITHM**
Eke I., TAPLAMACIOĞLU M. C. , Kocaarslan I.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.26, no.3, pp.683-690, 2011 (Journal Indexed in SCI)
- X. **Automatic generation control application with craziness based particle swarm optimization in a thermal power system**
Gozde H., TAPLAMACIOĞLU M. C.
INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol.33, no.1, pp.8-16, 2011 (Journal Indexed in SCI)
- XI. **PARTICLE SWARM OPTIMIZATION BASED PI-CONTROLLER DESIGN TO LOAD-FREQUENCY CONTROL OF A TWO AREA REHEAT THERMAL POWER SYSTEM**
Gozde H., TAPLAMACIOĞLU M. C. , Kocaarslan I., Senol M. A.
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.30, no.1, pp.13-21, 2010 (Journal Indexed in SCI)
- XII. **CARTESIAN-SPECIFIC CONTROL OF A ROBOT MANIPULATOR**
Koca H., Dogan M., TAPLAMACIOĞLU M. C.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.23, no.4, pp.769-776, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **BEHAVIOUR OF LASER BEAM IN NONLINEAR MEDIA**
SAYRAÇ M., SAYRAÇ H., ARI M., TAPLAMACIOĞLU M. C.
International Journal on "Technical and Physical Problems of Engineering" (IJTPE), 2019 (Refereed Journals of Other Institutions)
- II. **Efficiency Optimization Of Combined Heat And Power System Integrated With Renewable Energy For A Hospital**
Burgu N., GÖZDE H., TAPLAMACIOĞLU M. C.
International Journal of Multidisciplinary Studies and Innovative Technologies, vol.3, no.1, pp.76-81, 2019 (Refereed Journals of Other Institutions)
- III. **Design and Comparison of Perturb Observe and Fuzzy Logic Controller in Maximum Power Point Tracking System for PV System by Using MATLAB/Simulink**
Arpacı G. N. , GÖZDE H., TAPLAMACIOĞLU M. C.
International Journal of Multidisciplinary Studies and Innovative Technologies, vol.3, no.1, pp.66-71, 2019 (Refereed Journals of Other Institutions)
- IV. **Investigation of Partial Shading Effects on Photovoltaic Systems According to Different Connection Types**
KÜÇÜK A. O. , GÖZDE H., TAPLAMACIOĞLU M. C. , DURSUN M.
International Journal on Technical and Physical Problems of Engineering, vol.38, no.11, pp.31-34, 2019 (Refereed Journals of Other Institutions)
- V. **The Adaptive Chaotic Symbiotic Organisms Search Algorithm Proposal for Optimal Reactive Power Dispatch Problem in Power Systems**
Yalcin E., TAPLAMACIOĞLU M. C. , Cam E.
ELECTRICA, vol.19, no.1, pp.37-47, 2019 (Journal Indexed in ESCI)
- VI. **GENERAL OVERVIEW OF WIRELESS COMMUNICATION TECHNOLOGY**
SAYRAÇ M., ARI M., TAPLAMACIOĞLU M. C.
International Journal on "Technical and Physical Problems of Engineering" (IJTPE), vol.11, pp.25-30, 2019 (Refereed Journals of Other Institutions)
- VII. **Technical and Economic Comparison of HVDC Converter Technologies**
YAKUPOĞLU H., GÖZDE H., TAPLAMACIOĞLU M. C.
International Journal on Technical and Physical Problems of Power Engineering, vol.37, no.10, pp.25-30, 2018 (Refereed Journals of Other Institutions)
- VIII. **Probability of Error Estimation For An Optical Link Using Phase Distribution of Gaussian Vortex Beam**
EYYUBOĞLU H. T. , ARI M., TAPLAMACIOĞLU M. C. , GÖZDE H.
International Journal on Technical and Physical Problems of Power Engineering, vol.37, no.10, pp.31-35, 2018 (Refereed Journals of Other Institutions)
- IX. **Analysis of the Effect of Uncertain Renewable Sources on Static Voltage Stability by Using NR-Based DSOPF Model with Adapted IEEE-30 Bus Test System**
BAYDAR B., GÖZDE H., TAPLAMACIOĞLU M. C.
Balkan Journal of Electrical and Computer Engineering, vol.6, no.3, pp.198-206, 2018 (Refereed Journals of Other Institutions)
- X. **RENEWABLE ENERGY INTEGRATED OPTIMAL POWER FLOW WITH VORTEX SEARCH OPTIMIZATION**
AYDIN Ö., TEZCAN S. S. , EKE İ., TAPLAMACIOĞLU M. C.
International Journal on Technical and Physical Problems of Engineering (IJTPE), vol.10, no.2, pp.1-6, 2018 (Refereed Journals of Other Institutions)
- XI. **VORTEX SEARCH ALGORITHM FOR SOLVING ECONOMIC LOAD DISPATCH PROBLEM INCLUDING RAMP RATE LIMITS IN POWER SYSTEMS**
SAKA M., EKE İ., TEZCAN S. S. , TAPLAMACIOĞLU M. C.
International Journal on Technical and Physical Problems of Engineering (IJTPE), vol.10, no.1, pp.1-5, 2018

(Refereed Journals of Other Institutions)

- XII. **A Research On Evolutionary Computation Techniques In Optimal Power Flow Solution**
Baydar B., GÖZDE H., ARI M., TAPLAMACIOĞLU M. C.
International Journal on Technical and Physical Problems of Power Engineering, vol.33, no.9, pp.26-33, 2017
(Refereed Journals of Other Institutions)
- XIII. **Analysis of Economic Load Dispatch with a lot of Constraints Using Vortex Search Algorithm**
SAKA M., EKE İ., TEZCAN S. S. , TAPLAMACIOĞLU M. C.
Advances in Science, Technology and Engineering Systems Journal (ASTESJ), vol.2, no.6, pp.151-156, 2017
(Refereed Journals of Other Institutions)
- XIV. **Energy Efficiency Works At The Airports**
Sezgin Ö. B. , GÖZDE H., TAPLAMACIOĞLU M. C. , ARI M.
International Journal on Technical and Physical Problems of Power Engineering, vol.30, no.1, pp.23-29, 2017
(Refereed Journals of Other Institutions)
- XV. **A MODEL FOR OPTIMIZATION OF SOLITON BASED COMMUNICATIONSYSTEMS IN THE VIEW OF RENEWABLE ENERGY RESEARCH**
ARI M., GÖKTAŞ H. H. , TAPLAMACIOĞLU M. C. , GÖZDE H.
International Journal on "Technical and Physical Problems of Engineering", vol.8, no.3, pp.36-41, 2016 (Refereed Journals of Other Institutions)
- XVI. **RELATIONSHIP OF SAFETY LIGHTING AND A CASE STUDY**
BAYRAKDAR G., TAPLAMACIOĞLU M. C.
INTERNATIONAL REFEREED ACADEMIC SOCIAL SCIENCES JOURNAL, no.4, pp.32, 2015 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Analysis of partial differential equations in time dependent problems using finite difference methods and the applications on electrical engineering**
DÜZKAYA H., TEZCAN S. S. , TAPLAMACIOĞLU M. C.
in: Numerical Methods for Energy Applications, N.M. Tabatabaei, N. Bizon, Editor, Springer International Publishing, pp.37-60, 2021
- II. **Chapter-7: Resilient Optimal Power Flow with Evolutionary Computation Methods: Short Survey**
BAYDAR B., GÖZDE H., TAPLAMACIOĞLU M. C. , KÜÇÜK A. O.
in: Power Systems Resilience: Modeling, Analysis and Practice, Part II Microgrids and Optimal Operations of Resilience Systems, Naser Mahdavi Tabatabaei, Sajad Najafi Ravadanegh, Nicu Bizon, Editor, Springer, pp.163-189, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **WIND AND SOLAR PHOTOVOLTAICS POWER INVESTMENTS: AN OVERVIEW FROM ENGINEERING ECONOMICS**
FAZIL K., TAPLAMACIOĞLU M. C. , ARI M.
The 15th International Conference on Technical and Physical Problems of Electrical Engineering, 14 - 15 October 2019
- II. **PROPAGATION OF GAUSSIAN BEAM IN NONLINEAR MEDIA**
SAYRAÇ M., SAYRAÇ H., ARI M., TAPLAMACIOĞLU M. C.
15th International Conference on "Technical and Physical Problems of Electrical Engineering", 14 - 15 October 2019
- III. **ARCHITECTURE AND FUTURE PROSPECT OF 5G TECHNOLOGY**
SAYRAÇ M., ARI M., TAPLAMACIOĞLU M. C. , REHABI J.

2019 International Conference on Multidisciplinary, Education, Science, Engineering and Technology, 20 - 21 September 2019

- IV. **Modelling of automatic generation control for multi-area integrated power system equipment including renewable energy systems**
YILMAZ M. F. , GÖZDE H., KARAKAYA M., TAPLAMACIOĞLU M. C.
Renewable Energy Sources - Research and Business (RESRB) 2019 Conference, 8 - 09 July 2019
- V. **17.5kV 630A SF6 Gas Insulated External Type Compact RMU Design For Smart Grid Applications**
Uzel S., Ünver T., Keskintas S., Gürkan M., Altinok Ç., GÖZDE H., TAPLAMACIOĞLU M. C.
ICSG-2019 7th International Istanbul Smart Grid and Cities Congress and Fair, İstanbul, Turkey, 25 - 26 April 2019
- VI. **Implementation Study of Parachute Training Simulator**
Aygün C. D. , GÖZDE H., DURSUN M., Aygün M. M. , TAPLAMACIOĞLU M. C.
ICEEE-2019 6th International Conference on Electrical and Electronics Engineering, İstanbul, Turkey, 16 - 17 April 2019
- VII. **Implementation Study of Parachute Training Simulator**
Aygun C. D. , Gozde H., DURSUN M., Aygun M. M. , TAPLAMACIOĞLU M. C.
6th International Conference on Electrical and Electronics Engineering (ICEEE), İstanbul, Turkey, 16 - 17 April 2019, pp.307-311
- VIII. **17.5kV 630A SF6 Gas Insulated Outdoor Type Compact RMU Design For Smart Grid Applications**
Uzel S., Ünver T., Keskintas S., Gurkan M. S. , Altinok C., Gozde H., TAPLAMACIOĞLU M. C.
7th International Istanbul Smart Grids and Cities Congress and Fair (ICSG), İstanbul, Turkey, 25 - 26 April 2019, pp.238-241
- IX. **Comparative Parameter Estimation of Single Diode PV-Cell Model by Using Sine-Cosine Algorithm and Whale Optimization Algorithm**
AYDIN Ö., Gozde H., DURSUN M., TAPLAMACIOĞLU M. C.
6th International Conference on Electrical and Electronics Engineering (ICEEE), İstanbul, Turkey, 16 - 17 April 2019, pp.65-68
- X. **Functional comparison of vacuum type and SF6 gas circuit breakers according to accredited laboratoriestest results**
Ateş H., Altinok E. Ç. , Akan Y., GÖZDE H., TAPLAMACIOĞLU M. C.
International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), 22 - 23 November 2018
- XI. **AN ANALYSIS OF EMISSION DISPATCH AT POWER SYSTEMS USING VORTEX SEARCH ALGORITHM**
SAKA M., EKE İ., TEZCAN S. S. , TAPLAMACIOĞLU M. C.
International Science and Technology Conference (ISTEC 2018), 18 - 20 July 2018
- XII. **Yenilenebilir enerjide bölgesel fırsatlar: Türkiye ve Gürcistan potansiyeli üzerine durum değerlendirmeleri ve öneriler**
Kaytez F., TAPLAMACIOĞLU M. C. , GÖZDE H., KÜÇÜK A. O.
CIGRE Türkiye Güç Sistemleri Konferansı-GSK 2018, Ankara, Turkey, 15 - 16 November 2018
- XIII. **Evaluation of Probability of Error For An Optical Link Using Gaussian Vortex Beam**
EYYUBOĞLU H. T. , ARI M., TAPLAMACIOĞLU M. C. , GÖZDE H.
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