

Doç.Dr. OĞUZHAN CEYLAN

Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: AAG-1749-2019

ScopusID: 26665865200

Biyografi

Dr. Oğuzhan Ceylan Elektrik Mühendisi ünvanını İstanbul Teknik Üniversitesi Elektrik Müh. Bölümünden 2000 yılında aldı. Dr. Ceylan, yüksek lisans ve doktora derecelerini İTÜ Bilişim Enstitüsü Hesaplamalı Bilim ve Mühendislik Bölümünden sırasıyla 2003 ve 2012 yıllarında aldı. Dr. Ceylan, 2005-2006 yılları arasında Digsilent GMBH'de misafir olarak çalıştı. 2013-2015 yılları arasına doktora sonrası çalışmalarını University of Tennessee, Knoxville'de Elektrik ve Bilgisayar Mühendisliği Bölümünde yaptı. 2014-2015 yılları arasında Oak Ridge National Lab'de çalıştı. Türkiye'ye döndükten sonra, 2015-2017 yılları arasında Kemerburgaz Üniversitesi Elektrik-Elektronik Müh. Bölümünde doktor öğretim üyesi olarak, 2017-2021 yılları arasında Kadir Has Üniversitesi MIS Bölümünde doktor öğretim üyesi olarak çalıştı. Dr. Ceylan, 2021 Eylül'den beri Marmara Üniversitesi Mühendislik Fakültesi, Elektrik-Elektronik Müh. Bölümünde Doktor Öğretim Üyesi kadrosunda çalışmaktadır. Şubat 2022'de UAK'tan doçent unvanı almıştır.

Eğitim Bilgileri

Doktora, İstanbul Teknik Üniversitesi, Bilişim Enstitüsü, Türkiye 2003 - 2012

Yüksek Lisans, İstanbul Teknik Üniversitesi, Bilişim Enstitüsü, Türkiye 2000 - 2003

Lisans, İstanbul Teknik Üniversitesi, Türkiye 1995 - 2000

Yabancı Diller

İngilizce, C2 Ustalık

Yaptığı Tezler

Doktora, Akıllı yöntem tabanlı tekli ve ikili kısıtlılık analizi, İstanbul Teknik Üniversitesi, Bilişim Enstitüsü, Hesaplamalı Bilim Ve Mühendislik, 2012

Yüksek Lisans, Elektrik güç sistemlerinde oyun teorisi uygulamaları, İstanbul Teknik Üniversitesi, Bilişim Enstitüsü, 2003

Araştırma Alanları

Enerji

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Marmara Üniversitesi, Mühendislik Fakültesi, Elektrik ve Elektronik Mühendisliği Bölümü, 2021 - Devam Ediyor

Dr.Öğr.Üyesi, Kadir Has Üniversitesi, İşletme Fakültesi, Yönetim Bilişim Sistemleri Bölümü, 2017 - 2021

Dr.Öğr.Üyesi, Altınbaş Üniversitesi, Mühendislik Ve Doğa Bilimleri Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2015 - 2017

Araştırmacı, The University of Tennessee, Knoxville, Elektrik ve Bilgisayar Müh. , 2013 - 2015

Araştırma Görevlisi, İstanbul Teknik Üniversitesi, Bilişim Enstitüsü, 2001 - 2012

Yönetilen Tezler

Özdemir A., Ceylan O., Advanced evolutionary computation for distributionsystem automation, Yüksek Lisans, B.AHMADI(Öğrenci), 2021

Ceylan O., Smart methods in electrical distribution systems: Minimization of voltage deviations, Yüksek Lisans, İ.ALPEREN(Öğrenci), 2021

Ceylan O., Blockchain applications on smart grid: A review, Yüksek Lisans, A.SİNAN(Öğrenci), 2019

Ceylan O., Short-term solar irradiance forecasting with deep neural networks, Yüksek Lisans, C.VATANSEVER(Öğrenci), 2019

Ceylan O., Elektrik dağıtım sistemlerinde gerilim optimizasyonu, Yüksek Lisans, S.TURAL(Öğrenci), 2017

Ceylan O., Karatekin C., Elektrik dağıtım sistemlerinde gerilim profilinin, güç kayıpları ve maliyet minimizasyonunun dağıtık üretim kaynakları ve kademe değiştiriciler ile iyileştirilmesi, Yüksek Lisans, F.DAYLAK(Öğrenci), 2016

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Sequentially Coordinated and Cooperative Volt/Var Control of PV Inverters in Distribution Networks**
Aboshady F., CEYLAN O., Zobaa A. F., Özdemir A., Taylor G., Pisica I.
Electronics (Switzerland), cilt.12, sa.8, 2023 (SCI-Expanded)
- II. **Reinforcement of the distribution grids to improve the hosting capacity of distributed generation: Multi-objective framework**
Ahmadi B., CEYLAN O., Özdemir A.
Electric Power Systems Research, cilt.217, 2023 (SCI-Expanded)
- III. **Recycling Newton-Krylov algorithm for efficient solution of large scale power systems**
Yetkin E. F., CEYLAN O.
INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, cilt.144, 2023 (SCI-Expanded)
- IV. **Reactive Power Control of PV Inverters in Active Distribution Grids with High PV Penetration**
Aboshady F., Pisica I., Zobaa A. F., Taylor G. A., CEYLAN O., Özdemir A.
IEEE Access, cilt.11, ss.81477-81496, 2023 (SCI-Expanded)
- V. **Heuristic Optimization Approaches for Capacitor Sizing and Placement: A Case Study in Kazakhstan**
Baimakhanov O., Senyuz H., Saukhimov A., CEYLAN O.
ENERGIES, cilt.15, sa.9, 2022 (SCI-Expanded)
- VI. **A multi-objective framework for distributed energy resources planning and storage management**
Ahmadi B., CEYLAN O., Özdemir A., Fotuhi-Firuzabad M.
APPLIED ENERGY, cilt.314, 2022 (SCI-Expanded)
- VII. **An advanced Grey Wolf Optimization Algorithm and its application to planning problem in smart grids**
Ahmadi B., Younesi S., Ceylan O., Özdemir A.
SOFT COMPUTING, cilt.26, sa.8, ss.3789-3808, 2022 (SCI-Expanded)

- VIII. **Distributed energy resource allocation using multi-objective grasshopper optimization algorithm**
Ahmadi B., Ceylan O., Özdemir A.
ELECTRIC POWER SYSTEMS RESEARCH, cilt.201, 2021 (SCI-Expanded)
- IX. **Cascaded H-bridge multilevel inverters optimization using adaptive grey wolf optimizer with local search**
Ceylan O., Neshat M., Mirjalili S.
ELECTRICAL ENGINEERING, 2021 (SCI-Expanded)
- X. **A multi-objective optimization evaluation framework for integration of distributed energy resources**
Ahmadi B., Ceylan O., Özdemir A.
JOURNAL OF ENERGY STORAGE, cilt.41, 2021 (SCI-Expanded)
- XI. **Nodal Sensitivity-Based Smart Inverter Control for Voltage Regulation in Distribution Feeder**
Ceylan O., Paudyal S., Pisica I.
IEEE JOURNAL OF PHOTOVOLTAICS, cilt.11, sa.4, ss.1105-1113, 2021 (SCI-Expanded)
- XII. **A Comparative Study of Metaheuristic Algorithms for Wave Energy Converter Power Take-Off Optimisation: A Case Study for Eastern Australia**
Amini E., Golbaz D., Asadi R., Nasiri M., Ceylan O., Nezhad M. M., Neshat M.
JOURNAL OF MARINE SCIENCE AND ENGINEERING, cilt.9, sa.5, 2021 (SCI-Expanded)
- XIII. **Multi-verse optimization algorithm- and salp swarm optimization algorithm-based optimization of multilevel inverters**
Ceylan O.
NEURAL COMPUTING & APPLICATIONS, cilt.33, sa.6, ss.1935-1950, 2021 (SCI-Expanded)
- XIV. **Harmony Search Algorithm Based Management of Distributed Energy Resources and Storage Systems in Microgrids**
Ceylan O., Sezgin M. E., Goel M., Verga M., Lazzari R., Kwaye M. P., Sandroni C.
APPLIED SCIENCES-BASEL, cilt.10, sa.9, 2020 (SCI-Expanded)
- XV. **An Adaptive Affinity Matrix Optimization for Locality Preserving Projection via Heuristic Methods for Hyperspectral Image Analysis**
Taskin G., Ceylan O.
IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING, cilt.12, sa.12, ss.4690-4697, 2019 (SCI-Expanded)
- XVI. **Coordinated Electric Vehicle Charging With Reactive Power Support to Distribution Grids**
Wang J., Bharati G. R., Paudyal S., Ceylan O., Bhattarai B. P., Myers K. S.
IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, cilt.15, sa.1, ss.54-63, 2019 (SCI-Expanded)
- XVII. **Coordinated distribution network control of tap changer transformers, capacitors and PV inverters**
Ceylan O., Liu G., Tomsovic K.
ELECTRICAL ENGINEERING, cilt.100, sa.2, ss.1133-1146, 2018 (SCI-Expanded)
- XVIII. **Harmonic Distortion Minimization in Power Grids with Wind and Electric Vehicles**
Misra R., Paudyal S., Ceylan O., Mandal P.
ENERGIES, cilt.10, sa.7, 2017 (SCI-Expanded)
- XIX. **Heuristic methods for postoutage voltage magnitude calculations**
Ceylan O., Özdemir A., Dag H.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.24, sa.1, ss.105-120, 2016 (SCI-Expanded)
- XX. **Double branch outage modeling and simulation: Bounded network approach**
Ceylan O., Özdemir A., Dag H.
INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, cilt.73, ss.369-376, 2015 (SCI-Expanded)
- XXI. **Branch Outage Simulation Based Contingency Screening by Gravitational Search Algorithm**
Ceylan O., Özdemir A., Dag H.
INTERNATIONAL REVIEW OF ELECTRICAL ENGINEERING-IREE, cilt.7, sa.1, ss.3370-3379, 2012 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **A Heuristic Methods-Based Power Distribution System Optimization Toolbox**
Özlü İ. A., Baimakhanov O., Saukhimov A., Ceylan O.
Algorithms, cilt.15, sa.1, 2022 (ESCI)
- II. **Armoni Araması Yöntemi ile Elektrik Dağıtım Sistemlerinin Yeniden Yapılandırılması: Elektrikli Araçların Etkisi**
CEYLAN O.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, cilt.8, 2019 (Hakemli Dergi)
- III. **Hourly Day Ahead Solar Irradiance Forecasting Model in LabVIEW Using Cloud Cover Data**
CEYLAN O., Starke M., Irminger P., Ollis B., King D., Tomsovic K.
ISTANBUL UNIVERSITY-JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING, cilt.16, sa.2, ss.2047-2054, 2016 (ESCI)
- IV. **Post-outage state estimations for outage management**
Ceylan O., Özdemir A., Dag H.
IFAC Proceedings Volumes (IFAC-PapersOnline), cilt.44, sa.1 PART 1, ss.11690-11694, 2011 (Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **SLP Optimization-Based Voltage Profile Improvement in Unbalanced Distribution Networks With SOP Devices**
Bamatraf M., CEYLAN O., Pisica I., Özdemir A.
58th International Universities Power Engineering Conference, UPEC 2023, Dublin, İrlanda, 30 Ağustos - 01 Eylül 2023
- II. **SLP Optimization-Based Voltage Profile Improvement in Unbalanced Distribution Networks**
Bamatraf M., CEYLAN O., Pisica I., Özdemir A.
2023 International Conference on Smart Energy Systems and Technologies, SEST 2023, Muğla, Türkiye, 4 - 06 Eylül 2023
- III. **Optimal STATCOM Allocation Using Mixed Integer Distributed Ant Colony Optimization**
Al-Majali B. H., Zobaa A. F., Pisica I., CEYLAN O.
2023 IEEE Conference on Power Electronics and Renewable Energy, CPERE 2023, Luxor, Mısır, 19 - 21 Şubat 2023
- IV. **Voltage Profile Improvement in Unbalanced Distribution Grids by Sequential Quadratic Programming**
Bamatraf M., CEYLAN O., Pisica I., Özdemir A.
16th IEEE AFRICON, AFRICON 2023, Nairobi, Kenya, 20 - 22 Eylül 2023
- V. **Optimization Based Approach to Solve Phase Balancing Problem in the Distribution System**
Cengizer D., Erkanat B. C., CEYLAN O.
2023 IEEE Belgrade PowerTech, PowerTech 2023, Belgrade, Sirbistan, 25 - 29 Haziran 2023
- VI. **Grid Search Based Hyperparameter Optimization for Machine Learning Based Non-Intrusive Load Monitoring**
Sayilar B. C., CEYLAN O.
58th International Universities Power Engineering Conference, UPEC 2023, Dublin, İrlanda, 30 Ağustos - 01 Eylül 2023
- VII. **A Q-Learning Based Approach for Voltage Control in Unbalanced Distribution System**
ÇAKIR M., Atak A., Özeren H., CEYLAN O.
10th International Conference on Modern Power Systems, MPS 2023, Cluj-Napoca, Romanya, 21 - 23 Haziran 2023
- VIII. **Sequential Volt/Var Controller for PV Smart Inverters in Distribution Systems**
Aboshady F., Pisica I., CEYLAN O., Taylor G. A., Zobaa A. F., Özdemir A.
57th International Universities Power Engineering Conference: Big Data and Smart Grids, UPEC 2022, İstanbul, Türkiye, 30 Ağustos - 02 Eylül 2022
- IX. **Whale Optimization Algorithm Based Optimal Operation of Power Distribution Systems**

Baimakhanov O., Saukhimov A., CEYLAN O.

57th International Universities Power Engineering Conference: Big Data and Smart Grids, UPEC 2022, İstanbul, Türkiye, 30 Ağustos - 02 Eylül 2022

X. Voltage Control of Unbalanced Distribution Systems with Penetration of Renewable Sources: A Gradient-Based Optimization Approach

Ebadi R., Senyuz H., Aboshady F., CEYLAN O., Pisica I., Özdemir A.

57th International Universities Power Engineering Conference: Big Data and Smart Grids, UPEC 2022, İstanbul, Türkiye, 30 Ağustos - 02 Eylül 2022

XI. Enhancing photovoltaic hosting capacity in distribution networks by optimal allocation and operation of static var compensators

Ahmadi B., CEYLAN O., Özdemir A.

57th International Universities Power Engineering Conference: Big Data and Smart Grids, UPEC 2022, İstanbul, Türkiye, 30 Ağustos - 02 Eylül 2022

XII. An Optimization Framework for Distributed Energy Resource Planning and Energy Management Strategy of Storage Devices and Electric Vehicles

Ahmadi B., CEYLAN O., Özdemir A.

2nd International Conference on Energy Transition in the Mediterranean Area, SyNERGY MED 2022, Thessaloniki, Yunanistan, 17 - 19 Ekim 2021

XIII. Allocation of Distributed Generators Using Parallel Grey Wolf optimization

Younesi S., Ahmadi B., CEYLAN O., ÖZDEMİR A.

2021 9th International Conference on Modern Power Systems (MPS), Cluj, Romanya, 16 Haziran 2021

XIV. Cuckoo search algorithm for optimal siting and sizing of multiple distributed generators in distribution grids

Ahmedi B., CEYLAN O., ÖZDEMİR A.

International Symposium on Modern Electric Power Systems (MEPS) 2019, Wroclaw, Polonya, 09 Eylül 2019

XV. Power Output Prediction of Wave Farms Using Fully Connected Networks

Burramukku B., Ceylan O., Neshat M.

56th International Universities Power Engineering Conference (UPEC) - Powering Net Zero Emissions, ELECTR NETWORK, 31 Ağustos - 03 Eylül 2021

XVI. The Arithmetic Optimization Algorithm for Optimal Energy Resource Planning

Ahmadi B., Younesi S., Ceylan O., Özdemir A.

56th International Universities Power Engineering Conference (UPEC) - Powering Net Zero Emissions, ELECTR NETWORK, 31 Ağustos - 03 Eylül 2021

XVII. Multi-objective Distributed Energy Resource Integration in Radial Distribution Networks

Ahmadi B., Younesi S., Ceylan O., Özdemir A.

56th International Universities Power Engineering Conference (UPEC) - Powering Net Zero Emissions, ELECTR NETWORK, 31 Ağustos - 03 Eylül 2021

XVIII. Analysis of Local and Centralized Control of PV Inverters for Voltage Support in Distribution Feeders

Ceylan O., Paudyal S., Pisicay I.

2021 IEEE Power and Energy Society General Meeting, PESGM 2021, Washington, Amerika Birleşik Devletleri, 26 - 29 Temmuz 2021, cilt.2021-July

XIX. Optimization of Multilevel Inverters Using Novelty-driven Multi-verse Optimization Algorithm

Ceylan O., Neshat M., Mirjalili S.

56th International Universities Power Engineering Conference (UPEC) - Powering Net Zero Emissions, ELECTR NETWORK, 31 Ağustos - 03 Eylül 2021

XX. A Comparative Study of Surrogate Based Learning Methods in Solving Power Flow Problem

CEYLAN O., TAŞKIN KAYA G., Paudyal S.

2020 IEEE Power and Energy Society General Meeting (PESGM), Montreal, Kanada, 02 Ağustos 2020

XXI. Voltage Profile Improving And Peak Shaving Using Multi-type Distributed Generators And Battery Energy Storage Systems In Distribution Networks

- Ahmedi B., CEYLAN O., ÖZDEMİR A.
2020 55th International Universities Power Engineering Conference (UPEC), Torino, İtalya, 01 Eylül 2020
- XXII. **Impacts of Load and Generation Volatilities on the Voltage Profiles Improved by Distributed Energy Resources**
Ahmedi B., CEYLAN O., ÖZDEMİR A.
2020 55th International Universities Power Engineering Conference (UPEC), Torino, İtalya, 01 Eylül 2020
- XXIII. **Optimal allocation of multi-type distributed generators for minimization of power losses in distribution systems**
Ahmedi B., CEYLAN O., ÖZDEMİR A.
2019 20th International Conference on Intelligent System Application to Power Systems (ISAP), Yeni Delhi, Hindistan, 10 Aralık 2019
- XXIV. **Optimal capacitor sizing and placement using dragonfly algorithm: A case study in Kazakhstan**
Baimakhan O., Şenyüz H., Sauchimov A., Ceylan O.
12th Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion, MEDPOWER 2020, Virtual, Online, 9 - 12 Kasım 2020, cilt.2020, ss.208-212
- XXV. **Multi-Agent model of electricity networks a perspective on distribution network charges**
Pisica I., CEYLAN O.
54th International Universities Power Engineering Conference 3rd-6th September 2019, Bucharest, Romania, Bükreş, Romanya, 03 Eylül 2019
- XXVI. **Grey wolf optimizer for allocation and sizing of distributed renewable generation**
Ahmedi B., CEYLAN O., ÖZDEMİR A.
54th International Universities Power Engineering Conference 3rd-6th September 2019, Bucharest, Romania, Bükreş, Romanya, 03 Eylül 2019
- XXVII. **Active and Reactive Power Load Profiling Using Dimensionality Reduction Techniques and Clustering**
YETKİN E. F., CEYLAN O., Papadopoulos T., G. Kazaki A., A. Barzegkar-Ntovom G.
54th International Universities Power Engineering Conference 3rd-6th September 2019, Bucharest, Romania, Bükreş, Romanya, 03 Eylül 2019
- XXVIII. **Optimization of Graph Affinity Matrix with Heuristic Methods in Dimensionality Reduction of Hypespectral Images**
CEYLAN O., TAŞKIN KAYA G.
2019 27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, Türkiye, 24 - 26 Nisan 2019
- XXIX. **Graph Optimized Locality Preserving Projection Via Heuristic Optimization Algorithms**
CEYLAN O., TAŞKIN KAYA G.
IEEE Geoscience and Remote Sensing Symposium, Yokohoma, Japonya, 28 Temmuz - 02 Ağustos 2019
- XXX. **A Novel Approach for Voltage Control in Electrical Power Distribution Systems**
CEYLAN O., Dimitrovski A., Starke M., Tomsovic K.
2018 IEEE POWER & ENERGY SOCIETY GENERAL MEETING (PESGM), Portland, Amerika Birleşik Devletleri, 05 Ağustos 2018
- XXXI. **Semi-Centralized Control of Distributed Generation in Smart Grids**
CEYLAN O., Pisica I., Paudyal S.
2018 53RD INTERNATIONAL UNIVERSITIES POWER ENGINEERING CONFERENCE (UPEC), Glasgow, Birleşik Krallık, 4 - 07 Eylül 2018
- XXXII. **Two-layer earth structure parameter estimation and seasonal analysis**
Papadopoulos T., CEYLAN O., Papagiannis G. K.
2018 53RD INTERNATIONAL UNIVERSITIES POWER ENGINEERING CONFERENCE (UPEC), İSKOÇYA, 4 Eylül - 07 Aralık 2018
- XXXIII. **Generic dynamic load modelling using cluster analysis**
A. Barzegkar-Ntovom G., CEYLAN O., Papadopoulos T., YETKİN E. F.
2018 53RD INTERNATIONAL UNIVERSITIES POWER ENGINEERING CONFERENCE (UPEC), Glasgow, Birleşik Krallık, 04 Eylül 2018

- XXXIV. **Assessment of harmonic distortion on distribution feeders with electric vehicles and residential PVs**
CEYLAN O., Paudyal S., Dahal S., Karki N. R.
2017 7th International Conference on Power Systems (ICPS), Hindistan, 21 Aralık 2017
- XXXV. **Optimal coordinated EV charging with reactive power support in constrained distribution grids**
Paudyal S., CEYLAN O., Bhattarai B. P., Myers K. S.
2017 IEEE Power & Energy Society General Meeting, Chicago, Amerika Birleşik Devletleri, 16 Temmuz 2017
- XXXVI. **Photovoltaic hosting capacity of feeders with reactive power control and tap changers**
CEYLAN O., Paudyal S., Bhattarai B. P., Myers K. S.
7th IEEE International Conference on Innovative Smart Grid Technologies (IEEE PES ISGT Europe 2017), Torino, İtalya, 26 Eylül 2017
- XXXVII. **Comparative Study of Active Power Curtailment Methods of PVs for Preventing Overvoltage on Distribution Feeders**
Paudyal S., Bhattarai B. P., Tonkoski R., Dahal S., CEYLAN O.
IEEE-Power-and-Energy-Society General Meeting (PESGM), Oregon, Amerika Birleşik Devletleri, 5 - 10 Ağustos 2018
- XXXVIII. **Optimization techniques for parameter estimation of dynamic load models**
A. Barzegkar-Ntovom G., CEYLAN O., Papadopoulos T.
2017 52nd International Universities Power Engineering Conference (UPEC), Kandi, Benin, 28 Ağustos 2017
- XXXIX. **A daily multiobjective optimization model in smart grids**
CEYLAN O., DAYLAK F., KARATEKİN C.
2016 51st International Universities Power Engineering Conference (UPEC), Coimbra, Portekiz, 06 Eylül 2016
- XL. **Optimal DG allocation and sizing in radial distribution networks by Cuckoo search algorithm**
Majidi M., ÖZDEMİR A., CEYLAN O.
2017 19th International Conference on Intelligent System Application to Power Systems (ISAP), San Antonio, TX, USA, Amerika Birleşik Devletleri, 17 - 20 Eylül 2017
- XLI. **Optimal capacitor placement and sizing considering load profile variations using moth-flame optimization algorithm**
CEYLAN O., Paudyal S.
2017 International Conference on Modern Power Systems (MPS), Cluj, Romanya, 06 Haziran 2017
- XLII. **Optimal Voltage Control in Distribution Feeders with Large Penetration of Wind**
Tural S., CEYLAN O., Paudyal S.
52nd International Universities Power Engineering Conference (UPEC), Heraklion, Yunanistan, 28 - 31 Ağustos 2017
- XLIII. **Soft-error Resiliency of Power Flow Calculations**
Yetkin E. F., CEYLAN O.
52nd International Universities Power Engineering Conference (UPEC), Heraklion, Yunanistan, 28 - 31 Ağustos 2017
- XLIV. **Harmonic elimination of multilevel inverters by moth-flame optimization algorithm**
CEYLAN O.
2016 International Symposium on Industrial Electronics (INDEL), Banja Luka, Bosna-Hersek, 03 Kasım 2016
- XLV. **SVM Parameter Selection Based on Harmony Search with an Application to Hyperspectral Image Classification**
CEYLAN O., Gulsen T.
2016 24TH SIGNAL PROCESSING AND COMMUNICATION APPLICATION CONFERENCE (SIU), Zonguldak, Türkiye, 16 - 19 Mayıs 2016, ss.657-660
- XLVI. **A comparison of differential evolution and Harmony Search methods for SVM model selection in hyperspectral image classification**
CEYLAN O., TAŞKIN KAYA G.
2016 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM (IGARSS), Beijing, Çin, 10 - 15 Temmuz 2016, ss.485-488
- XLVII. **A robust load shedding strategy for microgrid islanding transition**

Liu G., Xiao B., Starke M., CEYLAN O., Tomsovic K.

2016 IEEE/PES TRANSMISSION AND DISTRIBUTION CONFERENCE AND EXPOSITION (TD), Dallas, Amerika Birleşik Devletleri, 3 - 05 Mayıs 2016

XLVIII. Optimal reactive power allocation for photovoltaic inverters to limit transformer tap changes

CEYLAN O., Dimitrovski A., Starke M., Tomsovic K.

2016 IEEE Power and Energy Society General Meeting (PESGM), Boston, Amerika Birleşik Devletleri, 17 Temmuz 2016

XLIX. Advanced Energy Storage Management in Distribution Network

Liu G., CEYLAN O., Xiao B., Starke M., Ollis B., King D., Irminger P., Tomsovic K.

2016 49th Hawaii International Conference on System Sciences (HICSS), Amerika Birleşik Devletleri, 05 Ocak 2016

L. A Regression Based Hourly Day Ahead Solar Irradiance Forecasting Model by Labview using Cloud Cover Data

CEYLAN O., Starke M., Irminger P., Ollis B., Tomsovic K.

2015 9TH INTERNATIONAL CONFERENCE ON ELECTRICAL AND ELECTRONICS ENGINEERING (ELECO), Bursa, Türkiye, 26 - 28 Kasım 2015, ss.406-410

LI. Optimal Voltage Regulation for Unbalanced Distribution Networks Considering Distributed Energy Resources

Liu G., CEYLAN O., Xu Y., Tomsovic K.

2015 IEEE POWER ENERGY SOCIETY GENERAL MEETING, Denver, 26 - 30 Temmuz 2015

LII. Parallel Harmony Search Based Distributed Energy Resource Optimization

CEYLAN O., Liu G., Tomsovic K.

2015 18TH INTERNATIONAL CONFERENCE ON INTELLIGENT SYSTEM APPLICATION TO POWER SYSTEMS (ISAP), Porto, Portekiz, 11 - 17 Eylül 2015

LIII. A new linearization method of unbalanced electrical distribution networks

Liu G., Xu Y., CEYLAN O., Tomsovic K.

2014 NORTH AMERICAN POWER SYMPOSIUM (NAPS), Pullman, Amerika Birleşik Devletleri, 7 - 09 Eylül 2014

LIV. Distribution system voltage regulation by distributed energy resources

CEYLAN O., Liu G., Xu Y., Tomsovic K.

2014 NORTH AMERICAN POWER SYMPOSIUM (NAPS), Pullman, Amerika Birleşik Devletleri, 7 - 09 Eylül 2014

LV. Post outage bus voltage calculations for double branch outages

Ceylan O., Özdemir A., Dag H.

2012 47th International Universities Power Engineering Conference, UPEC 2012, London, Birleşik Krallık, 4 - 07 Eylül 2012

LVI. Double branch outage modeling and its solution using differential evolution method

Ceylan O., Özdemir A., Dag H.

2011 16th International Conference on Intelligent System Applications to Power Systems, ISAP 2011, Hersonisos, Crete, Yunanistan, 25 - 28 Eylül 2011

LVII. Harmony search method based parallel contingency analysis

CEYLAN O., Dag H., ÖZDEMİR A.

2010 International Conference on Power System Technology, 24 Ekim 2010

LVIII. Gravitational search algorithm for post-outage bus voltage magnitude calculations

CEYLAN O., ÖZDEMİR A., Dag H.

45th International Universities Power Engineering Conference UPEC2010, Galler, Birleşik Krallık, 31 Ağustos 2010

LIX. PARALLEL CONTINGENCY ANALYSIS USING DIFFERENTIAL EVOLUTION BASED SOLUTION FOR BRANCH OUTAGE PROBLEM

CEYLAN O., Dag H., Ozdemir A.

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