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International Researcher IDs

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Education Information

Doctorate, Gaziantep University, Institute Of Science, Elektrik-Elektronik Mühendisliği, Turkey 1992 - 1997

Postgraduate, Gaziantep University, Institute Of Science, Elektrik-Elektronik Mühendisliği, Turkey 1990 - 1992

Undergraduate, Middle East Technical University, Gaziantep Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey 1983 - 1989

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Steady state and transient analysis of multi-phase power transmission lines by using state-space techniques , Gaziantep University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği Bölümü, 1997

Postgraduate, Steady-state and transient analysis of transmission lines by using state-space techniques , Gaziantep University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği Bölümü, 1992

Research Areas

Electrical and Electronics Engineering, Energy, Generating Stations and Plants, Electric Power Transmission, Distribution and Protection, Renewable energy, Engineering and Technology

Academic Titles / Tasks

Professor, Inonu University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2006 - Continues

Associate Professor, Inonu University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1999 - 2006

Assistant Professor, Inonu University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1997 - 1999

Research Assistant, Inonu University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1994 - 1997

Research Assistant, Gaziantep University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering

(English), 1989 - 1993

Academic and Administrative Experience

Inonu University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2008 - 2014

Courses

0072-EMTP ve Uygulamaları Lab., Undergraduate, 2013-2014
371-Elektrik Tesisatı ve Aydınlatma, Undergraduate, 2013-2014
474-Enerji Dağıtımı, Undergraduate, 2013-2014
619-Güç Sistemlerinde Harmonikler, Undergraduate Minor, 2013-2014
539-Elk.-Elektr. Müh. Nümerik Analiz ve Uyg., Undergraduate Double Major, 2013-2014
477-Enerji İletimi, Undergraduate, 2013-2014
620-Güç Sistemlerinde Geçici Rejimler, Undergraduate Minor, 2013-2014
0072-EMTP ve Uygulamaları Lab., Undergraduate, 2012-2013

Advising Theses

MAMİŞ M. S., Güneş Enerji Sistemlerinin Performans Tahmini İçin Yapay Sinir Ağları ile Modellenmesi ve Verimliliğin İncelenmesi, Doctorate, Y.İçel(Student), 2019
MAMİŞ M. S., Yenilenebilir enerji kaynaklarını içeren mikro-şebeke sistemlerin akıllı yönetimi, Doctorate, B.Baran(Student), 2017
MAMİŞ M. S., Güneş santrallerinde verim artırma teknikleri Efficiency improvement in solar power stations, Postgraduate, Y.Özüpak(Student), 2016
MAMİŞ M. S., Stirling motorlu güneş takip sisteminin tasarımı ve fotovoltaiik panel sistemiyle karşılaştırılması, Doctorate, M.Sait(Student), 2016
MAMİŞ M. S., Faraday kafesi ile koruma ve topraklama direncinin verim artırma yöntemleri, Postgraduate, R.Kaya(Student), 2013
MAMİŞ M. S., Farklı Çaplarda Kanat Modelleri ile Güneş Bacası Enerji Sisteminden Elektrik Üretim Verimliliğinin İncelenmesi, Postgraduate, Y.İçel(Student), 2012
MAMİŞ M. S., Güneş - rüzgar hibrit sistemlerin maliyet optimizasyonu, Postgraduate, B.Baran(Student), 2012
MAMİŞ M. S., Statik senkron kompanzatörün PID kontrolör ile kontrolü, Postgraduate, M.Karataş(Student), 2011
MAMİŞ M. S., Güç Sistemlerinin Durum .uzay Teknikleri ile Analizi, Postgraduate, R.Akkılınç(Student), 2011
MAMİŞ M. S., Yenilenebilir enerji sistemlerinin simülasyonu ve optimizasyonu, Postgraduate, L.Arslan(Student), 2008
MAMİŞ M. S., Elektrik tesislerinde topraklama empedansı ve topraklama empedansını etkileyen faktörler, Postgraduate, H.Vural(Student), 2008
MAMİŞ M. S., Çok yönlü bir facts elemanı: UPFC, Postgraduate, E.Şahin(Student), 2007
MAMİŞ M. S., Dinamik ark modelleri ve devre kesicilerin bilgisayar simülasyonu, Postgraduate, E.Kürün(Student), 2006
MAMİŞ M. S., Güç sistemlerinde harmonikler ve harmoniklerin analizi, Postgraduate, S.Berat(Student), 2006
MAMİŞ M. S., Dağıtım şebekelerinde yıldırım aşırı gerilimlere karşı koruma, Postgraduate, A.Turan(Student), 2005
MAMİŞ M. S., Uniform olmayan iletim hatlarında yıldırım aşırı gerilimlerinin s-domaini kullanılarak analizi,, Doctorate, A.Kaygusuz(Student), 2003
MAMİŞ M. S., Doğrusal olmayan güç sistemi devrelerinin durum uzayı tekniğiyle çözümü, Postgraduate, M.Emin(Student), 2003
MAMİŞ M. S., Enerji iletim sistemlerinde yıldırım geçici zeminlerinin incelenmesi, Postgraduate, M.Akçin(Student), 2002

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Fault location method on two-terminal transmission line using synchronized time information of traveling waves**
AKMAZ D., MAMIŞ M. S.
ELECTRICAL ENGINEERING, vol.104, no.2, pp.979-990, 2022 (SCI-Expanded)
- II. **Lumped-parameter-based electromagnetic transients simulation of non-uniform single-phase lines using state variable method**
MAMIŞ M. S.
IET GENERATION TRANSMISSION & DISTRIBUTION, vol.14, no.23, pp.5626-5633, 2020 (SCI-Expanded)
- III. **Analysis of electromagnetic and loss effects of sub-harmonics on transformers by Finite Element Method**
ÖZÜPAK Y., MAMIŞ M. S.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.45, no.1, 2020 (SCI-Expanded)
- IV. **Realization of electromagnetic flux and thermal analyses of transformers by finite element method**
Ozupak Y., MAMIŞ M. S.
IEEJ TRANSACTIONS ON ELECTRICAL AND ELECTRONIC ENGINEERING, vol.14, no.10, pp.1478-1484, 2019 (SCI-Expanded)
- V. **Design and development of travelling-wave-frequency-based transmission line fault locator using TMS320 DSP**
ARKAN M., AKMAZ D., MAMIŞ M. S., TAĞLUK M. E.
IET SCIENCE MEASUREMENT & TECHNOLOGY, vol.13, no.4, pp.518-522, 2019 (SCI-Expanded)
- VI. **Photovoltaic Panel Efficiency Estimation with Artificial Neural Networks: Samples of Adiyaman, Malatya, and Sanliurfa**
Icel Y., MAMIŞ M. S., BUĞUTEKİN A., GÜRSOY M. İ.
INTERNATIONAL JOURNAL OF PHOTOENERGY, 2019 (SCI-Expanded)
- VII. **Transmission line fault location using traveling wave frequencies and extreme learning machine**
Akmaz D., MAMIŞ M. S., ARKAN M., TAĞLUK M. E.
ELECTRIC POWER SYSTEMS RESEARCH, vol.155, pp.1-7, 2018 (SCI-Expanded)
- VIII. **Fault location determination for transmission lines with different series-compensation levels using transient frequencies**
Akmaz D., MAMIŞ M. S., ARKAN M., TAĞLUK M. E.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.25, no.5, pp.3764-3775, 2017 (SCI-Expanded)
- IX. **Utilization of energy from waste potential in Turkey as distributed secondary renewable energy source**
BARAN B., MAMIŞ M. S., ALAGÖZ B. B.
RENEWABLE ENERGY, vol.90, pp.493-500, 2016 (SCI-Expanded)
- X. **Lightning surge analysis of Faraday cage using alternative transient program-electromagnetic transients program**
MAMIŞ M. S., KELEŞ C., ARKAN M., Kaya R.
IET GENERATION TRANSMISSION & DISTRIBUTION, vol.10, no.4, pp.1016-1022, 2016 (SCI-Expanded)
- XI. **Price-Efficiency Relationship for Photovoltaic Systems on a Global Basis**
Cengiz M. S., MAMIŞ M. S.
INTERNATIONAL JOURNAL OF PHOTOENERGY, 2015 (SCI-Expanded)
- XII. **Transmission lines fault location using transient signal spectrum**
MAMIŞ M. S., ARKAN M., KELEŞ C.
INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol.53, pp.714-718, 2013 (SCI-Expanded)
- XIII. **Non-iterative nodal solution for transient simulation of nonlinear and time-varying elements**
Mamis M. S.

- INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol.33, no.7, pp.1256-1261, 2011 (SCI-Expanded)
- XIV. **State variable distributed-parameter representation of transmission line for transient simulations**
MAMİŞ M. S., KAYGUSUZ A., KOKSAL M.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.18, no.1, pp.31-42, 2010 (SCI-Expanded)
- XV. **State-space modeling and analysis of fault arcs**
Mamis M. S., MERAL M.
ELECTRIC POWER SYSTEMS RESEARCH, vol.76, pp.46-51, 2005 (SCI-Expanded)
- XVI. **s-domain analysis of lightning surges in three-phase systems using nonuniform single-phase line model**
Kaygusuz A., MAMIS M. S., AKIN E.
ELECTRICAL ENGINEERING, vol.87, no.5, pp.253-259, 2005 (SCI-Expanded)
- XVII. **Computation of corona effects in transmission lines using state-space techniques**
HERDEM S., Mamis M. S.
COMPUTERS & ELECTRICAL ENGINEERING, vol.29, no.5, pp.603-611, 2003 (SCI-Expanded)
- XVIII. **Computation of electromagnetic transients on transmission lines with nonlinear components**
Mamis M. S.
IEEE PROCEEDINGS-GENERATION TRANSMISSION AND DISTRIBUTION, vol.150, no.2, pp.200-204, 2003 (SCI-Expanded)
- XIX. **Transient voltage and current distributions on transmission lines**
Mamis M. S., NACAROĞLU A.
IEEE PROCEEDINGS-GENERATION TRANSMISSION AND DISTRIBUTION, vol.149, no.6, pp.705-712, 2002 (SCI-Expanded)
- XX. **Lightning surge analysis using nonuniform, single-phase line model**
Mamis M. S., KOKSAL M.
IEEE PROCEEDINGS-GENERATION TRANSMISSION AND DISTRIBUTION, vol.148, no.1, pp.85-90, 2001 (SCI-Expanded)
- XXI. **Solution of eigenproblems for state-space transient analysis of transmission lines**
Mamis M. S., KOKSAL M.
ELECTRIC POWER SYSTEMS RESEARCH, vol.55, no.1, pp.7-14, 2000 (SCI-Expanded)
- XXII. **Remark on the lumped parameter modeling of transmission lines**
Mamis M. S., KOKSAL M.
ELECTRIC MACHINES AND POWER SYSTEMS, vol.28, no.6, pp.565-575, 2000 (SCI-Expanded)
- XXIII. **Transient analysis of nonuniform lossy transmission lines with frequency dependent parameters**
Mamis M. S., KOKSAL M.
ELECTRIC POWER SYSTEMS RESEARCH, vol.52, no.3, pp.223-228, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **Güç Transformatörlerinin Yıldırım Darbe Analizlerinin ANSYS@Maxwell-3D ile Gerçekleştirilmesi**
ÖZÜPAK Y., MAMİŞ M. S., GÖKTAŞ T., ARKAN M.
Kırklareli Üniversitesi Mühendislik ve Fen Bilimleri Dergisi, vol.5, no.2, pp.147-158, 2019 (Peer-Reviewed Journal)
- II. **Electromagnetic Field and Total Loss Analysis of Transformers by Finite Element Method**
TEKE İ. H., YILDIRIM Ö., MAMİŞ M. S.
International Journal Of Engineering And Computer Science, vol.8, pp.24451-24460, 2019 (Peer-Reviewed Journal)
- III. **PROVIDING ELECTRICAL POWER INCREASE BY STIMULATING TEMPERATURE DIFFERENCE AT LOW TEMPERATURES IN STIRLING MOTORS**
Cengiz M. S., MAMİŞ M. S., Yurci Y.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ,

vol.36, no.1, pp.87-97, 2018 (ESCI)

- IV. **An investigation of installation and operational difficulties in lignite coal power plants and environmental impacts**
TEKE İ. H., MAMİŞ M. S.
IJTPE-International Journal on Technical and Physical Problems of Engineering, vol.9, no.4, pp.78-83, 2017 (Scopus)
- V. **The Temperature-Pressure-Frequency Relationship Between Electrical Power Generating in Stirling Engines**
CENGİZ M. S., MAMİŞ M. S., KAYNAKLI M.
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.9, no.2, pp.59-64, 2017 (Peer-Reviewed Journal)
- VI. **Thermal Solar Energy Use and Efficiency Analysis of CSP Systems**
CENGİZ Ç., MAMİŞ M. S.
Bitlis Eren University Journal of Science & Technology, vol.5, no.2, pp.88-91, 2016 (Peer-Reviewed Journal)
- VII. **Cost Comparison of Constant and Tracking System Panels with Stirling Motor Operated Systems**
CENGİZ M. S., MAMİŞ M. S., YURCİ Y.
Bitlis Eren University Journal of Science & Technology, vol.6, no.1, pp.26, 2016 (Peer-Reviewed Journal)
- VIII. **A Research On Determining The Panel Inclination Angle In Terms Of The Place And Seasons**
CENGİZ M. S., MAMİŞ M. S.
Journal of Multidisciplinary Engineering Science and Technology, 2015 (Peer-Reviewed Journal)
- IX. **Solution Offers for Efficiency and Savings in Industrial Plants**
CENGİZ M. S., MAMİŞ M. S.
Bitlis Eren University Journal Science & Technology, vol.5, no.1, 2015 (Peer-Reviewed Journal)
- X. **Computation of transmission line transients by using fast inverse Laplace transform**
MAMİŞ M. S., KÖKSAL M.
Mathematical and Computational Appl., vol.2, no.2, pp.161-169, 1997 (Peer-Reviewed Journal)
- XI. **Some renovations in transient analysis of transmission lines by state space techniques**
MAMİŞ M. S., KÖKSAL M.
Mathematical and Computational Appl., vol.1, no.1, pp.181-190, 1996 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **FOTOVOLTAİK ENERJİ SANTRALLERİNDE PANEL VERİMİNİ ARTTIRMA TEKNİKLERİ**
ÖZÜPAK Y., ASLAN E., MAMİŞ M. S.
6. Uluslararası Mesleki ve Teknik Bilimler Kongresi, Iğdır, Turkey, 11 April - 12 May 2019, vol.1, no.1, pp.1-14
- II. **Monitoring of Leakage Flux for Rotor Fault Detection under non-adjacent broken rotor bars in Induction Motors**
GÖKTAŞ T., EKİNCİ İ., YÜKLÜ N., ARKAN M., MAMİŞ M. S.
3rd International Conference on Applied Automation and Industrial Diagnostics (ICAAID), Elazığ, Turkey, 25 - 27 September 2019
- III. **Güç Transformatörlerinde Elektromanyetik Akı Dağılımının ve Nüve Kayıplarının Analizi**
ÖZÜPAK Y., DİKMEN S., GÖKTAŞ T., ARKAN M., MAMİŞ M. S.
Elektrik-Elektronik ve Biyomedikal Mühendisliği Konferansı (ELECO 2018), Bursa, Turkey, 30 November - 01 December 2018, pp.102-105
- IV. **Quartz Dolgulu, Dökme Reçineli, Kuru Tip Transformatör Prototipinin Tasarımı ve Gerçekleştirilmesi**
GÖKTAŞ T., DİKMEN S., MAMİŞ M. S., ARKAN M.
Güç Sistemleri Konferansı, Ankara, Turkey, 15 - 16 November 2018, pp.47-50
- V. **Design of Medium Voltage-36kV Cold Shrink Cable Joint and Electromagnetic Field Analysis**
GÖKTAŞ T., UZEL S., CÖMERT S., EMRE A., MAMİŞ M. S., ARKAN M.
International Conference on Energy Research, Alanya, Turkey, 31 October - 02 November 2018, pp.254-259
- VI. **Detection of Broken Bar Fault based on the Sidebands of Rotor Slot Harmonics in Leakage Flux**

EKİNCİ İ., GÖKTAŞ T., ARKAN M., MAMİŞ M. S.

International Conference on Energy Research, Alanya, Turkey, 31 October - 02 November 2018, pp.248-253

- VII. **The effects of improvements on coal for Afşin-Elbistan B Thermal Power Plant working with low calorie lignite to short-term and long-term stability**

TEKE İ. H., MAMİŞ M. S., KAYGUSUZ A.

8th International Advanced Technologies Symposium, 19 - 22 October 2017

- VIII. **Bayes, Lazy, Trees, Rules Class Machine Learning Algorithms**

AKMAZ D., MAMİŞ M. S.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017

- IX. **Completed Works for Determining Failure Type in Transmission Lines**

AKMAZ D., MAMİŞ M. S.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017

- X. **The Effects of Improvements on Coal for Afşin Elbistan B Thermal Power Plant Working with Low Calorie Lignite to Short-term and Long-term Stability**

Teke H. İ., MAMİŞ M. S., KAYGUSUZ A.

8th International Advanced Technologies Symposium (IATS'17), Elazığ, Turkey, 19 - 22 October 2017, pp.3739-3746

- XI. **Classification of Short Circuit Faults in Transmission Lines Using Different Machine Learning Algorithms and Transient Regime Current Signals**

AKMAZ D., MAMİŞ M. S.

8th, International advanced technology symposium, (IATS2017), Elazığ, Turkey, 19 - 22 October 2017

- XII. **Series Compensation with Constant Capacitors in Transmission Lines**

AKMAZ D., MAMİŞ M. S., ARKAN M., TAĞLUK M. E.

8th, International advanced technology symposium, (IATS2017), Elazığ, Turkey, 19 - 22 October 2017

- XIII. **Difficulties in installation and operation of thermal power plants working with lignite**

TEKE İ. H., MAMİŞ M. S.

13th International Conference on Technical and Physical Problems of Electrical Engineering, Van, Turkey, 21 - 23 September 2017

- XIV. **Classification of Short Circuit Faults Occurring in Transmission Lines by Using Transient Current Signals, J48 And Naïve Bayes Machine Learning Algorithms**

AKMAZ D., MAMİŞ M. S.

International Conference On Advances and Innovations in Engineering (ICAIE), Elazığ, Turkey, 10 - 12 May 2017

- XV. **Separation of Induction Motor Rotor Faults and Low Frequency Load Oscillations Through the Radial Leakage Flux**

GÖKTAŞ T., ARKAN M., MAMİŞ M. S., Akin B.

9th Annual IEEE Energy Conversion Congress and Exposition (ECCE), Ohio, United States Of America, 1 - 10 October 2017, pp.3165-3170

- XVI. **Broken Rotor Bar Fault Monitoring based on Fluxgate Sensor Measurement of Leakage Flux**

GÖKTAŞ T., ARKAN M., MAMİŞ M. S., Akin B.

IEEE International Electric Machines and Drives Conference (IEMDC), Florida, United States Of America, 20 - 24 May 2017

- XVII. **The Determination of the Optimum Parameters for Maximum Efficiency in Solar Tracking systems with Stirling**

CENGİZ M. S., MAMİŞ M. S., YURCİ Y.

International Conference on Natural Science and Engineering, 19 - 20 March 2016, pp.2301

- XVIII. **Solar Energy and Stirling Engine**

CENGİZ M. S., MAMİŞ M. S., YURCİ Y.

International Conference on Natural Science and Engineering (ICNASE'16), 19 - 20 March 2016, pp.2119-2124

- XIX. **Management Simulation of Multi-Source Renewable Energy Microgrids**

Baran B., MAMİŞ M. S., ALAGÖZ B. B.

National Conference on Electrical, Electronics and Biomedical Engineering (ELECO), Bursa, Turkey, 1 - 03 December 2016, pp.33-37

- XX. **Utilization of Energy from Waste Plants for Microgrids**
BARAN B., MAMİŞ M. S., ALAGÖZ B. B.
4th International Istanbul Smart Grid Congress and Fair (ICSG), İstanbul, Turkey, 20 - 21 April 2016, pp.131-135
- XXI. **Heat Source Solar Energy Use in Turkey and in the World and Efficiency Evaluation of CSP Stirling Engine System**
CENGİZ M. S., MAMİŞ M. S.
International Symposium On Eurasia Energy Issues, 28 - 30 May 2015
- XXII. **A Behavioral Model of Pumped Hydroelectric Energy Storage systems for Microgrid Simulations**
BARAN B., MAMİŞ M. S.
ENTECH '15 / III. International Energy Technologies Conference Proceedings, November 21-22, 2015, 21 - 22 November 2015
- XXIII. **European EMTP ATP Conference EEUG Meeting Courses 2015**
AKMAZ D., MAMİŞ M. S., TAĞLUK M. E., ARKAN M.
Travelling-wave based fault distance estimation for series compensated transmission lines using ATP-EMTP, 14 - 16 September 2015, pp.151-161
- XXIV. **Travelling wave Based Fault Distance Estimation for Series Compensated Transmission Lines using ATP EMTP**
AKMAZ D., MAMİŞ M. S., TAĞLUK M. E., ARKAN M.
European EMTP-ATP Conference, EEUG Meeting, Grenoble, France, 14 - 18 September 2015, pp.151-161
- XXV. **Endüstriyel Tesislerde Verimlilik ve Güneş Enerjisi Kullanımı**
CENGİZ M. S., MAMİŞ M. S.
VI. Enerji Verimliliği Kalitesi Sempozyumu ve Sergisi, Turkey, 4 - 06 June 2015
- XXVI. **Harmonic Analysis in Power Systems With Discrete Fourier Transform**
Akmaz D., MAMİŞ M. S.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1397-1400
- XXVII. **Detecting Fault Type and Fault Location in Power Transmission Lines by Extreme Learning Machines**
TAĞLUK M. E., MAMİŞ M. S., ARKAN M., Ertugrul O. F.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1090-1093
- XXVIII. **Fault Location on Series Compensated Power Transmission Lines Using Transient Spectrum**
Akmaz D., MAMİŞ M. S., ARKAN M., TAĞLUK M. E.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.951-954
- XXIX. **ATP Simulation of A Faraday Cage for The Analysis of Lightning Surges**
MAMİŞ M. S., KELEŞ C., ARKAN M., KAYA R.
European EMTP-ATP Conference, EEUG'12, Zwickau, Germany, 17 September 2012, pp.30-39
- XXX. **ATP Simulation of A Faraday Cage for The Analysis of Lightning Surges**
MAMİŞ M. S., KELEŞ C., ARKAN M., KAYA R.
European EMTP-ATP Conference, EEUG'12, Zwickau, Germany, 17 - 18 September 2012, pp.30-39
- XXXI. **FFT Based Fault Location Algorithm for Transmission Lines**
MAMİŞ M. S., ARKAN M.
2011 7th International Conference on Electrical and Electronics Engineering (ELECO), 1 - 04 November 2011
- XXXII. **Discrete-time state-space modeling of distributed parameter transmission line**
Mamis M. S.
International Conference on Computer as a Tool (EUROCON 2007), Warszawa, Poland, 9 - 12 September 2007, pp.943-946
- XXXIII. **Non-iterative nodal approach for transient simulation of nonlinear elements**

Mamis M. S.

International Conference on Computer as a Tool (EUROCON 2007), Warszawa, Poland, 9 - 12 September 2007, pp.1272-1277

Supported Projects

- Mamiş M. S., TUBITAK Project, Uzaktan İzleme Ve Kontrollü, Ecodesign, Yük Altında Kademe Değiştiricili 15 MVA - 33/11 kV Güç Transformatorü Tasarımı ve Prototip İmalatı, 2018 - 2021
- MAMIŞ M. S., TUBITAK Project, Elektromanyetik Ölçüm Prensibi ile Okuma Yapabilen Yeni Nesil Su Sayacı Geliştirilmesi ve Prototip Tasarımı, 2018 - 2019
- MAMIŞ M. S., TUBITAK Project, Asansör Sistemleri İçin Düşük Hızlı Sabit Mıknatıslı Senkron Motorun Tasarımı ve Prototip İmalat, 2018 - 2019
- MAMIŞ M. S., TUBITAK Project, Kontra Shield Sargı Tekniği ile Yüksek Gerilim Dayanımı Arttırılmış 125 MVA 420 kV Güç Transformatorü Tasarımı ve Prototip İmalatı, 2018 - 2019
- MAMIŞ M. S., ÖZÜPAK Y., GÖKTAŞ T., ARKAN M., Project Supported by Higher Education Institutions, Geçici Rejim Altındaki Ölçü Transformatorlerinin Elektromanyetik Alan ve Isıl Analizlerinin Gerçekleştirilmesi, 2017 - 2019
- MAMIŞ M. S., TUBITAK Project, Encoder ile Okuma Yapan Yeni Nesil Su Sayacı Tasarımı ve Prototip İmalatı, 2016 - 2017
- MAMIŞ M. S., TUBITAK Project, Yüksek Gerilim Bağlantısı SF6 Gaz İzolasyonlu GIS Sistemine Uygun Güç Transformatorü Tasarımı, Geliştirilmesi ve Uygulaması, 2016 - 2017
- MAMIŞ M. S., TUBITAK Project, IOT- Nesnelerin İnterneti Uyumlu, Yeni Nesil Uzaktan Okumalı Sayaç Tasarımı ve Prototip İmalatı, 2016 - 2017
- MAMIŞ M. S., TUBITAK Project, Düzgün olmayan iletim hatlarının incelenmesi, 2016 - 2017
- MAMIŞ M. S., TUBITAK Project, İleri Teknoloji, CNC Kontrollü, 10 İstasyonlu Su Sayacı İşleme Makinesi Tasarımı ve Prototip İmalatı, 2016 - 2017
- MAMIŞ M. S., Project Supported by Higher Education Institutions, FOTOVOLTAİK SİSTEMLERDE MAKSİMUM GÜÇ NOKTASI TAKİBİ, 2014 - 2017
- MAMIŞ M. S., TUBITAK Project, Stirling motorlu güneş takip sisteminin tasarımı ve fotovoltaik panel sistemiyle verim yönünden karşılaştırılması, 2015 - 2016
- TAĞLUK M. E., MAMIŞ M. S., ARKAN M., TUBITAK Project, İletim hatlarında arıza noktasının geçici rejim frekans domeni analizi ile belirlenmesi arıza sınıflandırma DSP uygulaması ve GPS ile arıza noktasını görüntüleme, 2014 - 2016
- TAĞLUK M. E., MAMIŞ M. S., Other International Funding Programs, Development of Virtual Laboratories for Education of Electrical and Electronics Engineering Using HP Tablet PCs, 2009 - 2011

Memberships / Tasks in Scientific Organizations

CIGRE Türkiye Ulusal Komitesi, Member, 2018 - Continues

Scientific Refereeing

- IET Science, Measurement & Technology , SCI Journal, September 2019
- IEEE Access, SCI Journal, August 2019
- IEEE Access, SCI Journal, June 2019
- IEEE Access, SCI Journal, June 2019
- TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES, SCI Journal, March 2018
- IET Science, Measurement & Technology , SCI Journal, January 2018
- TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES, SCI Journal, June 2017
- Mathematical Problems in Engineering, SCI Journal, December 2016
- Journal of Computational and Applied Mathematics, SCI Journal, June 2016

Scientific Consultations

ELDER-Elektrik Dağıtım Hizmetleri Derneği, Scientific Consultancy, Inonu University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey, 2016 - Continues

Metrics

Publication: 67

Citation (WoS): 217

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Non Academic Experience

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