

Prof. GÖKHAN GÖKMEN

Personal Information

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Education Information

Doctorate, Marmara University, Faculty of Technical Education, Electric Education, Turkey 2000 - 2006

Post Graduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Elektrik Eğitimi (Y) (Tezli), Turkey 1998 - 2000

Under Graduate, Marmara University, Faculty of Technical Education, Electric Education, Turkey 1992 - 1996

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Elektronik akım transformatörü tasarımı ve kalibrasyonu, Marmara Üniversitesi, Teknik Eğitim Fakültesi, Elektrik Eğitimi Bölümü, 2006

Post Graduate, Konvansiyonel ve nükleer santrallerin karşılaştırılması, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Eğitimi (Y) (Tezli), 2000

Research Areas

Electrical and Electronics Engineering

Academic Titles / Tasks

Professor, Marmara University, Faculty of Technology, Mechatronic Engineering, 2018 - Continues

Professional Experience

Head of Department, Marmara University, Faculty of Technical Education, Electric Education, 2013 - 2014

Advising Theses

GÖKMEN G., KILIÇ O., Yüksek gerilim enerji iletim hattındaki arızaların dalgacık paket dönüşümü ve ortak vektör yaklaşımıyla sınıflandırılması, Doctorate, M.YUMURTACI(Student), 2014

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

- **Fast fourier transformation of emitted noises from welding machines and their classification with acoustic method**
GÖKMEN G., AKGÜN Ö., AKINCI T. Ç. , ŞEKER Ş. S.
Mechanika, vol.23, pp.588-593, 2017 (Journal Indexed in SCI)
- **Classification of short-circuit faults in high-voltage energy transmission line using energy of instantaneous active power components-based common vector approach**
Yumurtaci M., GÖKMEN G., KOCAMAN Ç., ERGİN S., KILIÇ O.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, pp.1901-1916, 2016 (Journal Indexed in SCI)
- **The defect detection in glass materials by using discrete wavelet packet transform and artificial neural network**
Gokmen G.
JOURNAL OF VIBROENGINEERING, vol.16, pp.1434-1443, 2014 (Journal Indexed in SCI)
- **The application of instantaneous reactive power calculation methods to a real power system**
Yumurtaci M., GÖKMEN G., KILIÇ O., AKINCI T. Ç.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.29, pp.1083-1092, 2012 (Journal Indexed in SCI)
- **Spectrum Analysis of GMA Welter in Various Working Modes**
GÖKMEN G., KARATEPE MUMCU Y., AKINCI T. Ç. , KURTULMUŞ M.
ACTA POLYTECHNICA HUNGARICA, vol.9, pp.5-16, 2012 (Journal Indexed in SCI)
- **Estimation End Effect of Single-Sided Linear Induction Motor by Using Discrete Wavelet Packet Transform and Artificial Neural Network**
KIYAK İ., GÖKMEN G., KENTLİ F.
INTERNATIONAL REVIEW OF ELECTRICAL ENGINEERING-IREE, vol.6, pp.2277-2285, 2011 (Journal Indexed in SCI)
- **Determination of optimum operation cases in electric arc welding machine using neural network**
AKINCI T. Ç. , NOĞAY H. S. , GÖKMEN G.
JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, vol.25, pp.1003-1010, 2011 (Journal Indexed in SCI)
- **Wavelet Based Reference Current Calculation Method for Active Compensation Systems**
Gökmen G.
ELEKTRONIKA IR ELEKTROTEHNIKA, no.2, pp.61-66, 2011 (Journal Indexed in SCI)
- **Analyzing End Effect of Single-Sided LIM by Using Wavelet Filter Bank**
KIYAK İ., Kentli F., GÖKMEN G.
TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, vol.6, pp.61-68, 2011 (Journal Indexed in SCI)
- **The Design of a Hall Effect Current Transformer and Examination of The Linearity with Real Time Parameter Estimation**
Gökmen G., Tunçalp K.
Elektronika Ir Elektrotehnika, vol.101, no.5, pp.3-8, 2010 (Journal Indexed in SCI Expanded)
- **Experimental Wavelet Packet Transient State Analysis of Electrical Machines Directly Fed by Photovoltaic Cells**
ONAT N., KIYAK İ., GÖKMEN G.
International Review of Electrical Engineering, vol.5, pp.2081-2087, 2010 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Analog Jiroskop Sistemlerinde Kullanılan Elektromekanik Döner Milli Generatörün Frekans Analizi**
GÖKMEN G.
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, vol.9, pp.671-677, 2018 (Other Refereed National Journals)
- **Emg Signal Classification Using Fuzzy Logic**
ÜLKİR O., GÖKMEN G., KAPLANOĞLU E.
BALKAN JOURNAL OF ELECTRICAL COMPUTER ENGINEERING, vol.5, pp.97-101, 2017 (Refereed Journals of

Other Institutions)

- **ANALYSIS OF SOUNDS GENERATED FROM WELDING MACHINE WHILE IN IDLE AND OPERATIONAL MODE BY ACOUSTIC METHOD**
GÜNAYDIN L., AKINCI T. Ç. , KOÇYİĞİT G., GÖKMEN G., AKGÜN Ö.
Applied Researches in Technics, Technologies and Education, 2015 (Refereed Journals of Other Institutions)
- **Wavelet Based Instantaneous Reactive Power Calculation Method and a Power system Application Sample**
GÖKMEN G.
The International Review on Modelling and Simulations, vol.2, pp.745-752, 2011 (Refereed Journals of Other Institutions)
- **Evaluation of student performance in laboratory applications using fuzzy logic**
GÖKMEN G., AKINCI T. Ç. , TEKTAŞ M., ONAT N., KOÇYİĞİT G., TEKTAŞ N.
Procedia - Social and Behavioral Sciences, vol.2, pp.902-909, 2010 (Refereed Journals of Other Institutions)
- **Wavelet Çok Çözünürlüklü Analizin Simülasyon ile Gerçekleştirilmesi**
KIYAK İ., GÖKMEN G.
3e Electrotech, pp.124-130, 2009 (Other Refereed National Journals)
- **Experimental Wavelet Transient State Analysis of Electrical Machines Directly Fed by Photovoltaic Cells**
ONAT N., KIYAK İ., GÖKMEN G.
WSEAS Transactions on Circuits and Systems, vol.8, pp.719-728, 2009 (Refereed Journals of Other Institutions)
- **Hall Etkili Akım Transformatörünün Spektral ve İstatiksel Analizi**
GÖKMEN G., TUNÇALP B. K.
e-Journal of New World Sciences Academy, Natural and Applied Sciences, vol.2, pp.340-346, 2008 (Refereed Journals of Other Institutions)
- **İç Aydınlatmanın Çalışma Performansı Üzerine Etkileri**
KIYAK İ., GÖKMEN G.
3e Electrotech, pp.110-115, 2007 (Other Refereed National Journals)

Book & Book Chapters

- **Electrical Measurement for Data Acquisition**
GÖKMEN G.
LAMBERT Academic Publishing, Berlin, 2017
- **Light Pipes and Power LEDs Energy Saving Application**
GÖKMEN G., KIYAK İ.
LAMBERT Academic Publishing, Saarbrücken, 2016

Refereed Congress / Symposium Publications in Proceedings

- **The System Design of Photovoltaic Supported Light PipeLED Hybrid Illumination**
GÖKMEN G., KIYAK İ.
6. European Conference on Renewable Energy Systems ECRES 2018, İstanbul, Turkey, 25 - 27 Haziran 2018, pp.1079-1088
- **Electromyogram Signal Filtering Using Discrete Wavelet Transform**
ÜLKİR O., GÖKMEN G.
8th InternationalAdvanced Technologies Symposium(IATS), Elazığ, Turkey, 19 - 22 Ekim 2017, pp.510-516
- **Temperature and Photometric Analysis of Multichip Power LEDand Retrofit Lamp**
KIYAK İ., GÖKMEN G.
8th International advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 Ekim 2017, pp.884-894
- **ANALYSIS OF SOUNDS GENERATED FROM WELDING MACHINEWHILE IN IDLE AND OPERATIONAL MODE BY ACOUSTIC METHOD**
GÜNAYDIN L., AKINCI T. Ç. , KOÇYİĞİT G., GÖKMEN G., AKGÜN Ö.
Scientific anniversary conference, 20 YEARS TRAKIA UNIVERSITY, Stara-Zagora, Bulgaria, 19 - 20 Mayıs 2015

- **Increase Energy Savings with Lighting Automation Using Light Pipes and Power LEDs**
KIYAK İ., GÖKMEN G.
at International Conference on Civil and Architectural Engineering ICCAE 2013, Stockholm, Sweden, 15 - 16 Temmuz 2013
- **Examination of The Discharge of Gases Used in The Event of High Voltage**
DİNDAR T., OYMAN SERTELLER N. F. , GÖKMEN G., AKINCI T. Ç.
International Conference Engineering, Technologies and System , TECHSYS 2013, Plovdiv, Bulgaria, 29 - 31 Mayıs 2013
- **Evaluation of student performance in laboratory applications using fuzzy logic**
GÖKMEN G., AKINCI T. Ç. , Tektas M., Onat N., Kocyigit G., Tektas N.
2nd World Conference on Educational Sciences (WCES-2010), İstanbul, Turkey, 4 - 08 Şubat 2010, vol.2, pp.902-909
- **Web Tabanlı Bulanık Mantık Eğitim Simülâtörünün Başarıya Etkisinin İncelenmesi**
TEKTAŞ M., TEKTAŞ N., ONAT N., GÖKMEN G., KOÇYİĞİT G., AKINCI T. Ç.
3th International Computer & Instructional Technologies Symposium (ICITS), Trabzon, Turkey, 7 - 09 Kasım 2009
- **Yapay Zeka Tekniklerinin Web Tabanlı Öğretimi ve Bir Müfredat Önerisi**
TEKTAŞ M., TEKTAŞ N., ONAT N., GÖKMEN G., KOÇYİĞİT G., AKINCI T. Ç.
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- **The Real Time Wavelet Denoising of the Hall Effect Current Transformer**
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3th International Workshop Mini Symposium on Applications of Wavelets to Real World Problems, İstanbul, Turkey, 28 - 29 Mayıs 2008
- **Analysis of Ferroresonance on Single Phase Line Model**
AKINCI T. Ç. , Mokryani G., GÖKMEN G., EKREN N., ŞEKER Ş. S.
5th International Advanced Technologies Symposium, 13 - 15 Mayıs 2009
- **Alarga Rüzgar Türbini Teknolojisi Bakım ve İşletme Özellikleri ile Türkiye de Yapılandırma Durumunun Enerji Gereksinimi Açısından Değerlendirilmesi**
NOĞAY H. S. , GÖKMEN G.
TMMOB Makina Mühendisleri Odası Kayseri Yenilenebilir Enerji Kaynakları Sempozyumu, Kayseri, Turkey, 3 - 04 Ekim 2004

Citations

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