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Education Information

Doctorate, Marmara University, Faculty of Technical Education, Electric Education, Turkey 2000 - 2006
Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Elektrik Eğitimi (Yl) (Tezli), Turkey 1998 - 2000
Undergraduate, Marmara University, Faculty of Technical Education, Electric Education, Turkey 1992 - 1996

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Elektronik akım trasmformatörü tasarımı ve kalibrasyonu, Marmara Üniversitesi, Faculty of Technical Education, Electric Education, 2006
Postgraduate, Konvansiyonel ve nükleer santrallerin karşılaştırılması, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, Elektrik Eğitimi (Yl) (Tezli), 2000

Research Areas

Electrical and Electronics Engineering

Academic Titles / Tasks

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

Academic and Administrative Experience

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

Supervised Theses

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

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Estimating Average Power of Welding Process With Emitted Noises Based on Adaptive Neuro Fuzzy Inference System**
GÖKMEN G., Akıncı T. Ç., Kocyigit G., KIYAK İ., Akbas M. I.
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II. **Lifetime Prediction for a Cell-on-Board (COB) Light Source Based on the Adaptive Neuro-Fuzzy Inference System (ANFIS)**
KIYAK İ., GÖKMEN G., Kocyigit G.
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III. **Classification of short-circuit faults in high-voltage energy transmission line using energy of instantaneous active power components-based common vector approach**
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TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.3, pp.1901-1916, 2016 (SCI-Expanded)

IV. **The defect detection in glass materials by using discrete wavelet packet transform and artificial neural network**
Gokmen G.
JOURNAL OF VIBROENGINEERING, vol.16, no.3, pp.1434-1443, 2014 (SCI-Expanded)

V. **The application of instantaneous reactive power calculation methods to a real power system**
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ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.29, no.2, pp.1083-1092, 2012 (SCI-Expanded)

VI. **Spectrum Analysis of GMA Welter in Various Working Modes**
GÖKMEN G., KARATEPE MUMCU Y., AKINCI T. Ç., KURTULMUŞ M.
ACTA POLYTECHNICA HUNGARICA, vol.9, no.4, pp.5-16, 2012 (SCI-Expanded)

VII. **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, no.5, pp.2277-2285, 2011 (SCI-Expanded)

VIII. **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, no.4, pp.1003-1010, 2011 (SCI-Expanded)

IX. **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, no.1, pp.61-68, 2011 (SCI-Expanded)

X. **Wavelet Based Reference Current Calculation Method for Active Compensation Systems**
Gokmen G.
ELEKTRONIKA IR ELEKTROTECHNIKA, no.2, pp.61-66, 2011 (SCI-Expanded)

XI. **The Design of a Hall Effect Current Transformer and Examination of The Linearity with Real Time Parameter Estimation**
Gökmen G., Tunçalp K.

Elektronika Ir Elektrotechnika, vol.101, pp.3-8, 2010 (SCI-Expanded)

XII. **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 (SCI-Expanded)

Articles Published in Other Journals

I. **Comparing of Some Convolutional Neural Network (CNN) Architectures for Lane Detection**
Ekşi O. T., Gökmen G.
BALKAN JOURNAL OF ELECTRICAL & COMPUTER ENGINEERING, vol.8, pp.314-319, 2020 (Peer-Reviewed Journal)

II. **Determining damages in ceramic plates by using discrete wavelet packet transform and support vector machine**
Yumurtaci M., GÖKMEN G., Akıncı T. Ç.
International Journal of Electrical and Computer Engineering, vol.10, no.5, pp.4759-4769, 2020 (Scopus)

III. **Analog Jiroskop Sistemlerinde Kullanılan Elektromekanik Döner Milli Generatörün Frekans Analizi**
GÖKMEN G.
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, vol.9, pp.671-677, 2018 (Peer-Reviewed Journal)

IV. **Emg Signal Classification Using Fuzzy Logic**
ÜLKİR O., GÖKMEN G., KAPLANOĞLU E.
BALKAN JOURNAL OF ELECTRICAL COMPUTER ENGINEERING, vol.5, pp.97-101, 2017 (Peer-Reviewed Journal)

V. **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 (Peer-Reviewed Journal)

VI. **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 (Peer-Reviewed Journal)

VII. **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 (Peer-Reviewed Journal)

VIII. **Wavelet Çok Çözünürlüklü Analizin Simülasyon ile Gerçekleştirilmesi**
KIYAK İ., GÖKMEN G.
3e Electrotech, pp.124-130, 2009 (Peer-Reviewed Journal)

IX. **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 (Peer-Reviewed Journal)

X. **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 (Peer-Reviewed Journal)

XI. **İç Aydınlatmanın Çalışma Performansı Üzerine Etkileri**
KIYAK İ., GÖKMEN G.
3e Electrotech, pp.110-115, 2007 (Peer-Reviewed Journal)

Books

I.   **Electrical Measurement for Data Acquisation**
GÖKMEN G.
LAMBERT Academic Publishing, Berlin, 2017

II.   **Light Pipes and Power LEDs Energy Saving Application**
GÖKMEN G., KIYAK İ.
LAMBERT Academic Publishing, Saarbrücken, 2016

Papers Published in Refereed Scientific Meetings

I.   **Emotion Classification with DEAP Dataset:Survey**
Ünal H. P., Gökmen G., Yumurtacı M.
2020 Innovations in Intelligent Systems and Applications Conference (ASYU), İstanbul, Turkey, 15 - 17 October 2020, pp.1-6

II.   **Artificial Intelligence Based Outdoor Lighting System Control Design for Smart Cities**
Kurt H., Kıyak İ., Gökmen G., Koçyiğit G.
Alternative Energy Sources, Materials & Technologies (AESMT'20), Plovdiv, Bulgaria, 08 June 2020, pp.1-2

III.   **KAPALI ÇEVRİM RÜZGAR TÜNELİ TASARIMI VE KONTROLÜ**
Aydın Ö. C., Gökmen G.
International Marmara Sciences Congress (Spring) 2020 , Kocaeli, Turkey, 19 - 20 June 2020, pp.794-799

IV.   **The System Design of Photovoltaic Supported Light PipeLED Hybrid Illumination**
GÖKMEN G., KIYAK İ.
6. Europan Conference on Renewable Energy Systems ECRES 2018, İstanbul, Turkey, 25 - 27 June 2018, pp.1079-1088

V.   **Electromyogram Signal Filtering Using Discrete Wavelet Transform**
ÜLKİR O., GÖKMEN G.
8th InternationalAdvanced Technologies Symposium(IATS), Elazığ, Turkey, 19 - 22 October 2017, pp.510-516

VI.   **Temperature and Photometric Analysis of Multichip Power LEDand Retrofit Lamp**
KIYAK İ., GÖKMEN G.
8th International advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, pp.884-894

VII.   **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 May 2015

VIII. **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 July 2013

IX.   **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 May 2013

X.   **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 February 2010, vol.2, pp.902-909

XI.   **Yapay Zeka Tekniklerinin Web Tabanlı Öğretimi ve Bir Müfredat Önerisi**
TEKTAŞ M., TEKTAŞ N., ONAT N., GÖKMEN G., KOÇYİĞİT G., AKINCI T. Ç.
3th International Computer & Instructional Technoloies Symposium (ICITS), Trabzon, Turkey, 7 - 09 November 2009

XII.   **Web Tabanlı Bulanık Mantık Eğitim Simülatörünün Başarıya Etkisinin İncelenmesi**

TEKTAŞ M., TEKTAŞ N., ONAT N., GÖKMEN G., KOÇYİĞİT G., AKINCI T. Ç.

3th International Computer & Instructional Technoloies Symposium (ICITS), Trabzon, Turkey, 7 - 09 November 2009

XIII. **The Real Time Wavelet Denoising of the Hall Effect Current Transformer**

GÖKMEN G., AKINCI T. Ç., YILMAZ Ö., TUNÇALP B. K.

3th International Workshop Mini Symposium on Applications of Wavelets to Real World Problems, İstanbul, Turkey, 28 - 29 May 2008

XIV. **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 May 2009

XV. **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 October 2004

Metrics

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