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Personal Information

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International Researcher IDs
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Education Information

Post Doctorate, Katholieke Universiteit Leuven, Belgium 2005 - 2006
Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 1999 - 2005
Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Elektronik Haberleşme (Yl), Turkey 1996 - 1999
Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, Turkey 1993 - 1996

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, An information theoretic approach to nonlinear control systems, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), 2005
Postgraduate, A survey of neural blind source separation techniques, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Elektronik Haberleşme (Yl), 1999

Research Areas

Simulation, Modelling and Identification, Controllers, Nonlinear Systems, Measurement and Control of Electric and Magnetic Variables, General System Theory, Optimal Control, Printed Circuits, Thin Film, Thick Film and Hybrid ICs, Circuit Theory, Electronic Circuits, Microwave Circuits, Passive Circuit Components, Cables, Switches and Connectors, Electromagnetic Waves, Antennas and Propagation, Electromagnetic Metrology, Passive Microwave Circuits

Academic Titles / Tasks

Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2023 - Continues

Assistant Professor, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2009 - 2023

Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 1996 - 2009

Academic and Administrative Experience

Deputy Head of Department, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2018 - 2020

Courses

Circuit Theory 1, Undergraduate, 2023 - 2024
Linear System Theory 1, Postgraduate, 2023 - 2024, 2020 - 2021, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2011 - 2012
Circuit Theory 2, Undergraduate, 2022 - 2023
Circuit Theory 2, Undergraduate, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
Circuit Theory 1, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
Linear and Nonlinear Programming, Postgraduate, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2014 - 2015, 2012 - 2013
Linear Algebra, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Analysis and Synthesis of Nonlinear Circuits, Postgraduate, 2017 - 2018
Chaos and Fractals, Postgraduate, 2017 - 2018
Complex Analysis, Undergraduate, 2016 - 2017, 2012 - 2013, 2011 - 2012
Nonlinear Systems Theory, Postgraduate, 2016 - 2017, 2015 - 2016, 2012 - 2013
Linear System Theory 2, Postgraduate, 2013 - 2014, 2011 - 2012

Advising Theses

Günel S., Cluster shift keying: A novel chaotic communication scheme, Doctorate, Z.SARI(Student), 2024

GÜNEL S., Tam ve küme eşzamanlılığı gösteren kaotik dinamik ağların ortalama toplamsal nedensellik entropisi ile analizi, Doctorate, Ö.CANLI(Student), 2022

GÜNEL S., Birbirine bağlı sarkaçların donanım tabanlı benzetimi, Postgraduate, G.BAŞ(Student), 2017

GÜNEL S., Doğrusal olmayan sistemlerin kısmi senkronizasyonu ile güvenli haberleşme, Postgraduate, Z.SARI(Student), 2016

GÜNEL S., Radyo kaynaklarının pozisyonun geliş açısı kestirimi yardımıyla belirlenmesi, Postgraduate, S.KOCA(Student), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Effects of Operational and Environmental Conditions on Estimated Dynamic Characteristics of a Large In-service Wind Turbine**
Öztürkoğlu O., Özçelik Ö., Günel S.
JOURNAL OF VIBRATION ENGINEERING & TECHNOLOGIES, vol.12, no.5, 2024 (SCI-Expanded)

II. **Fractal Interpolation Function based Thin Wire Antennas**
Kalender G., Zoral E. Y., Günel S.
APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL, vol.38, no.11, pp.857-864, 2024 (SCI-Expanded)

III. **Cluster Shift Keying: Covert Transmission of Information via Cluster Synchronization in Chaotic Networks**
Sarı Z., Günel S.
PHYSICA SCRIPTA, vol.99, no.3, pp.1-28, 2024 (SCI-Expanded)

IV. **Causation Entropy En Route to Re-Synchronization Unfolds the Structure of Chaotic Dynamical Networks**
Canlı Usta Ö., Günel S.
IEEE TRANSACTIONS ON NETWORK SCIENCE AND ENGINEERING, vol.10, no.6, pp.3242-3252, 2023 (SCI-Expanded)

V. **Can we detect clusters of chaotic dynamical networks via causation entropy?**
CANLI USTA Ö., GÜNEL S.
CHAOS, vol.30, no.6, 2020 (SCI-Expanded)

VI. **Parametric History Analysis for Material Properties Using Finite Elements and Adaptive Perturbations**
GÜNEL S., ZORAL E. Y.
IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, vol.63, no.1, pp.90-106, 2015 (SCI-Expanded)

VII. **Parametric history analysis of resonance problems via step-by-step eigenvalue perturbation technique**
Gunel S., Zoral E. Y.
IET MICROWAVES ANTENNAS & PROPAGATION, vol.4, no.4, pp.466-476, 2010 (SCI-Expanded)

VIII. **Step-by-Step Eigenvalue Perturbation Technique for Electromagnetic Resonance Problems**
GÜNEL S., Zoral Y.
PRZEGLAD ELEKTROTECHNICZNY, vol.86, no.5, pp.105-108, 2010 (SCI-Expanded)

IX. **Partial synchronization in oscillator arrays with asymmetric coupling**
Hillier D., Gunel S., Suykens J. A. K., Vandewalles J.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.17, no.11, pp.4177-4185, 2007 (SCI-Expanded)

X. **Determination of the stationary state densities of the stochastic nonlinear dynamical systems**
Gunel S., Savaci F. A.
INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, vol.44, no.18-19, pp.1432-1447, 2006 (SCI-Expanded)

XI. **Harmonic balance analysis of the generalized Chua's circuit**
Savaci F. A., Gunel S.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.16, no.8, pp.2325-2332, 2006 (SCI-Expanded)

Articles Published in Other Journals

I. **Kullanımda Olan 2,5 MW Kapasiteli Bir Rüzgâr Türbininden Veri Toplanması, Sistem Tanımlama ve Model Güncelleme**
Öztürkoğlu O., Taner Y., Yurtseven V., Özçelik Ö., Günel S.
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.25, no.75, pp.611-622, 2023 (Peer-Reviewed Journal)

II. **Entropi Ölçülerinin Kestirim Başarımının İncelenmesi**
Canlı Usta Ö., Günel S.
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.23, no.68, pp.435-457, 2021 (Peer-Reviewed Journal)

III. **A novel Julia based system description language and simulation environment: JuSDL**
SARI Z., GÜNEL S.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.27, no.2, pp.234-243, 2021 (ESCI)

IV. **Causal.jl: A Modeling and Simulation Framework for Causal Models**
Sarı Z., Günel S.

JuliaCon Proceedings, vol.1, 2021 (Peer-Reviewed Journal)

V. **Öbek Eşzamanlılığın Nedensellik Entropisi ile Belirlenmesi**
CANLI USTA Ö., GÜNEL S.
Deu Muhendislik Fakultesi Fen ve Muhendislik, vol.21, no.63, pp.1027-1036, 2019 (Peer-Reviewed Journal)

VI. **Step–by–Step Eigenvalue Perturbation Technique for Electromagnetic Resonance Problems**
Zoral E. Y., Günel S.
PRZEGLAD ELEKTROTECHNICZNY, vol.5, pp.105-108, 2010 (ESCI)

Books & Book Chapters

I. **An Information Theoretic Approach to Nonlinear Systems in the view of Fokker-Planck-Kolmogorov Formalism**
GÜNEL S.
Lambert Academic Publishing AG & Co. KG,, Saarbrücken, 2010

II. **Microprocessor Applications Software Workbook (Revised Second Edition)**
ERDAŞ N., GÜNEL S., İNKAYA I., ŞENOL Y.
Dokuz Eylül Üniversitesi Muh. Fakültesi Basım Ünitesi, İzmir, 1999

III. **Microprocessor Applications Software Workbook**
ÖZKURT N., GÜNEL S., İNKAYA YAPALI I., ŞENOL Y.
Dokuz Eylül Üniversitesi Muh. Fak., İzmir, İzmir, 1999

IV. **Micropocessor Systems Hardware Workbook**
Günel S., İnkaya Yapalı I., Özkurt N., Şenol Y.
Dokuz Eylül Yayınları, İzmir, 1998

Refereed Congress / Symposium Publications in Proceedings

I. **An Approach to Determine the Current Distribution over Fractal Dipole Antenna**
Kalender G., Zoral E. Y., Günel S.
Int'l Conference on Mathematical Modeling in Physical Sciences, Belgrade, Serbia, 5 - 08 October 2022, vol.2872, no.1, pp.1200821-1200828

II. **An Autonomous Data Acquisition and System Identification Framework for In-Service Wind Turbine Using p-LSCF Method**
ÖZTÜRKOĞLU O., ÖZÇELİK Ö., GÜNEL S., YURTSEVEN V., TANER Y.
XII Int. Conf. on Structural Dynamics, DELFT, Netherlands, 02 July 2023

III. **Standalone Antenna Measurement System**
Kiraz E., Hatık F. A., Günel S.
2022 International Conference on Applied Electronics (AE), Plzen, Czech Republic, 6 - 07 September 2022, pp.1-4

IV. **2.5MW Rüzgâr Türbininin Dinamik Özelliklerinin Titreşim Verileri Kullanılarak Belirlenmesi**
Öztürkoğlu O., Yurtseven V., Taner Y., Özçelik Ö., Günel S.
Türkiye İnşaat Mühendisliği 18. Teknik Kongre ve Sergisi, İstanbul, Turkey, 7 - 09 November 2022, pp.179-191

V. **Network reconstruction of chaotic synchronized networks via information theory**
Canlı Usta Ö., Günel S.
Inverse Network Dynamics - Network structure and function from nonlinear dynamics and time series data, Dresden, Germany, 12 - 21 September 2022, pp.1

VI. **DATA ACQUISITON FRAMEWORK AND SYSTEM IDENTIFICATION OF AN IN-SERVICE WIND TURBINE**
Öztürkoğlu O., Yurtseven V., Taner Y., Özçelik Ö., Günel S.
9th International Operational Modal Analysis Conference, Vancouver, Canada, 3 - 06 July 2022, pp.1-8

VII. **STEP–BY–STEP EIGENVALUE PERTURBATION TECHNIQUE FOR ELECTROMAGNETIC RESONANCE PROBLEMS**

GÜNEL S., ZORAL E. Y.

ISEF 2009 - XIV International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering, Arras, France, 10 September 2009

VIII. **Machine Learning Based Bounding Box Regression for Improved Pedestrian Detection**

Toprak T., GÜNEL S., Belenlioglu B., Aydin B., ZORAL E. Y., SELVER M. A.

International Symposium on Advanced Electrical and Communication Technologies (ISAECT), Rome, Italy, 27 - 29 November 2019

IX. **Detecting Cluster Synchronization in Chaotic Dynamic Networks via Information Theoretic Measures**

CANLI USTA Ö., GÜNEL S.

42nd International Conference on Telecommunications and Signal Processing (TSP), Budapest, Hungary, 1 - 03 July 2019, pp.521-524

X. **Fractal Interpolation and Integration over Two-Dimensional Triangular Meshes**

SARI Z., KALENDER G., GÜNEL S.

8th International Conference on Mathematical Modeling in Physical Sciences (ICMSQUARE), Bratislava, Slovakia, 26 - 29 August 2019, vol.1391

XI. **Step-by-Step Resonant Cavity Perturbation with Spurious Mode Filtering**

Taygur M. M., ZORAL E. Y., GÜNEL S.

IEEE-MTT-S International Conference on Numerical Electromagnetic and Multiphysics Modeling and Optimization for RF, Microwave, and Terahertz Applications (NEMO), Sevilla, Spain, 17 - 19 May 2017, pp.194-196

XII. **Secure Communication via Cluster Synchronization of ChaoticSystems**

SARI Z., GÜNEL S.

2016 International Symposium on Nonlinear Theory and Its Applications,(NOLTA2016), 27 - 30 November 2016

XIII. **Vector Finite Elements and the Step by Step Eigenvalue Perturbation Methods**

GÜNEL S., Zoral Y.

2nd International Conference on Mathematical Modeling in Physical Sciences (IC-MSQUARE), Prague, Czech Republic, 1 - 05 September 2013, vol.490

XIV. **A feedback stabilization and output tracking simulation of an identical PVTOL aircraft family flying in formations**

BAŞ G., GÜNEL S.

The 3rd International Symposium on Computing in Science Engineering (ISCSE 2013), Aydın, Turkey, 24 - 25 October 2013

XV. **Parametric History Analysis of Cylindrical Cavity by Finite Element and the Step by Step Eigenvalue Perturbation Methods**

GÜNEL S., ZORAL E. Y.

XVI InternationalSymposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering (ISEF 2013), Ohrid, Macedonia, 12 - 14 September 2013

XVI. **Low-Cost FPGA Based Antenna Pattern Measurement System**

Taygur M. M., Bas S., Yumrukaya E., Miran E. A., GÜNEL S.

18th International Conference on Applied Electronics, Pilsen,, Czech Republic, 10 - 12 September 2013, pp.301-304

XVII. **İki boyutlu sonlu elemanlar ile modal çözümleme probleminin genelleştirilmiş özdeğer özvektör problemine indirgenmesi**

GÜNEL S., ZORAL E. Y.

URSİ 2012, İstanbul, Turkey, 2 - 05 September 2012

XVIII. **İki Boyutlu Sonlu Elemanlar Ile Modal Çözümleme Probleminin Genelleştirilmiş Özdeğer/ Ozvektör Pertürbasyonu Problemine Indirgenmesi**

GÜNEL S., ZORAL E. Y.

VI. URSI Bilimsel Kongresi ve Ulusal Genel Kurulu, İstanbul, Turkey, 30 - 31 August 2012

XIX. **Dielectric resonator oscillator perturbed with lossless dielectrics**

GÜNEL S., ZORAL E. Y.

6th International Conference on Electrical and Electronics Engineering, ELECO 2009, Bursa, Turkey, 5 - 08 November 2009

XX. **Partial synchronization regimes in oscillator arrays with asymmetric coupling**
HILLIER D., GÜNEL S., SUYKENS J. A. K., VANDEWALLE J. P. L.
Int. Symp. on Synchronization in Complex Networks (SynCoNet2007), 4 - 07 July 2007

XXI. **Perturbation Analysis of Dielectric Post Resonator**
GÜNEL S., ZORAL E. Y.
18th International Conference on Electromagnatic Fields and Materials, Budapest, Hungary, 17 - 18 May 2007

XXII. **Global Optimization with Coupled Local Minimizers Excited by Gaussian White Noise**
GÜNEL S., SUYKENS J. A. K., VANDEWALLE J. P. L.
International Symposium on the Nonlinear Theory and Applications (NOLTA 2006)., Bologna, Italy, 27 - 30 November 2006, pp.743-746

XXIII. **Learning Partial Synchronization Regimes with Imposed Qualitative Behavior on an Array of Chua s Oscillators**
HILLIER D., GÜNEL S., SUYKENS J. A. K., VANDEWALLE J. P. L.
International Symposium on the Nonlinear Theory and Applications (NOLTA 2006), Bologna, Italy, 27 - 30 November 2006

XXIV. **Paralel İletken Levhalar Arasına Yerleştirilmiş Dielektrik Rezonatörün Pertürbasyon Çözümlemesi**
ZORAL E. Y., GÜNEL S.
Union Radio-Scientifique Internationale Türkiye–URSI2006, Ankara, Turkey, 6 - 08 September 2006, pp.398-400

XXV. **Bifurcation phenomena of the generalized Chua s circuit through harmonic balance analysis**
GÜNEL S., SAVACI F. A.
International Symposium on Nonlinear Theory and its Applications (NOLTA 2005), Bruges, Belgium, 18 - 21 October 2005, pp.32

XXVI. **Existence of the State Probability Densities of the Chua s Circuit**
GÜNEL S., SAVACI F. A.
13th International IEEE Workshop on Nonlinear Dynamics of Electronic Systems (NDES 2005)., Potsdam, Germany, 18 - 22 September 2005

XXVII. **Approximate stationary density of the nonlinear dynamical systems excited with white noise**
Gunel S., Savaci F.
IEEE International Symposium on Circuits and Systems (ISCAS), Kobe, Japan, 23 - 26 May 2005, pp.4899-4902

XXVIII. **RC Dönüştürücü ile RF Elektronik Kontrollü Empedans Ayarlama Devresi Kullanılarak Aktif Dikdörtgen Mikroşerit Antenin Işıma Örüntüsü ve Bant Kontrol Analizi**
KAYA A., GÜNEL S., ZORAL E. Y.
11. Elektrik, Elektronik ve Bilgisayar Mühendisliği Ulusal Kongresi, İstanbul, Turkey, 22 - 25 September 2005, pp.100-102

XXIX. **Harmonic Balance Analysis of Generalized Chua s Circuit**
SAVACI F. A., GÜNEL S., İNKAYA YAPALI I., ÖZKURT N.
PROGRESS IN NONLINEAR SCIENCE, NOVOGRAD, Russia, 2 - 06 July 2001

XXX. **YAPAY SİNİR AĞI TABANLI BİR SİSTEMLE BASILI KARAKTERLERİN TANINMASI**
İNKAYA I., GÜNEL S., ŞENOL Y.
Elektrik-Elektronik Bilgisayar Mühendisliği 8. Ulusal Kongresi, Gaziantep, Turkey, 6 - 12 September 1999

XXXI. **Classifying Printed Characters With a Neural Network Using UNL Fourier Features**
İNKAYA YAPALI I., GÜNEL S., ŞENOL Y.
International Conference on Signal and Image Processing (SIP'98), 1 - 04 October 1998, pp.13-17

Supported Projects

ZORAL E. Y., GÜNEL S., Kalender G., Project Supported by Higher Education Institutions, Ters fraktal dönüşümleri kullanarak metamalzeme tabanlı fraktal anten tasarımı, 2021 - Continues
Özçelik Ö., Günel S., TUBITAK Project, Kurulu Rüzgâr Türbinleri için Yapı Sağlığı İzleme Sisteminin Geliştirilmesi, Operasyonel ve Çevresel Faktörlerin Kule Dinamik Özelliklerine Etkisinin Araştırılması ve Çoklu-tehlike Kırılganlık

Eğrilerinin Otonom Hasar Tespiti Amacıyla Kullanılması, 2020 - 2023

GÜNEL S., ZORAL E. Y., SARI Z., Boncuk İ., PAÇAL G., Project Supported by Higher Education Institutions, Baskı Devre Prototipleme Sistemi İçin Delik İçi Bakır Kaplama ve Bitirme Elektrokimyasal Alt Süreçlerinin Geliştirilmesi, 2021 - 2022

Günel S., Sari Z., Project Supported by Higher Education Institutions, Kümeli eşzamanlı sistemlerin tasarım ve eniyilemesi, 2020 - 2022

ZORAL E. Y., GÜNEL S., Project Supported by Higher Education Institutions, Sıvı Dielektrik Rezonatörler ve Mikrodalga Devre Uygulamaları, 2011 - 2013

Özkurt A., Zoral E. Y., Günel S., TUBITAK Project, Dielektrik Rezonatör Perturbasyonu Tekniği ile Malzemelerin Elektriksel Özelliklerinin Ölçülmesi, 2006 - 2009

Gündüzalp M., Çam U., Günel S., Özkurt N., Kılınç S., Premiership, İleri Mikroelektronik Araştırma Geliştirme Labaratuvarı Kurulması, 2006 - 2008

Patent

Günel S., Zoral E. Y., Malzemelerin dielektrik sabitlerini dielektrik rezonatör osilatör pertürbasyonu ile ölçen düzenek ve ölçüm yöntemi, Patent, CHAPTER H Electricity, The Invention Registration Number: 2011-06949 , Standard Registration, 2011

Memberships / Tasks in Scientific Organizations

Elektrik Mühendisleri Odası İzmir, Member, 1996 - Continues, Turkey

Scientific Refereeing

AUSTRALIAN JOURNAL OF MECHANICAL ENGINEERING, Journal Indexed in SCI-E, February 2024
APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL, Journal Indexed in SCI-E, October 2023
CHAOS, SCI Journal, April 2022
IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II-EXPRESS BRIEFS, SCI Journal, September 2021
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, July 2021
Technopark, Dokuz Eylul University, Turkey, June 2021
AUSTRALIAN JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING, Journal Indexed in SCI-E, December 2020
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, October 2020
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, SCI Journal, May 2020
IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II-EXPRESS BRIEFS, SCI Journal, May 2020
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylul University, Turkey, December 2019
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INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, SCI Journal, August 2018
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, SCI Journal, March 2018
KOSGEB, Dokuz Eylul University, Turkey, December 2017
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TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, May 2017
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AUSTRALIAN JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING, Other Indexed Journal, October 2016
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INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, SCI Journal, September 2013

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, July 2013

Kobi, Dokuz Eylul University, Turkey, December 2012

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, March 2012

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, SCI Journal, December 2011

INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, SCI Journal, October 2011

INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, SCI Journal, July 2011

IEEE SYSTEMS JOURNAL, SCI Journal, April 2011

Turkish Journal Of Electrical Engineering And Computer Sciences, Journal Indexed in SCI-E, December 2010

Metrics

Publication: 52
Citation (WoS): 28
Citation (Scopus): 42
H-Index (WoS): 3
H-Index (Scopus): 4

Scholarships

Interuniversity Attraction Poles Phase VI, Official Institutions of Foreign Countries, 2006 - 2006

Belçika Katholieke Universitad Leuven ESAT-SISTA biriminde doktora sonrası araştırma bursu, TUBITAK, 2005 - 2006