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Personal Information

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International Researcher IDs

ORCID: 0000-0002-5069-6603

Publons / Web Of Science ResearcherID: A-9047-2012

ScopusID: 7003311255

Yoksis Researcher ID: 117124

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği , Turkey 1996 - 2000

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği , Turkey 1994 - 1996

Undergraduate, Erciyes University, Mühendislik Fakültesi, Elektronik Mühendisliği , Turkey 1990 - 1994

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Karışık Modlu Yeni Bir Kaotik Devre Modeli Tasarımı ve Güvenilir Haberleşme Amaçlı Sistem Gerçekleştiriminde Kullanılması, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği , 2000

Postgraduate, Elektronik Devrelerdeki Kaos Olayının Bilgisayar Simülasyonları İle İncelenmesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği , 1996

Research Areas

Electrical and Electronics Engineering, Electronic, Printed Circuits, Thin Film, Thick Film and Hybrid ICs, Circuit Theory, Electronic Circuits, MEMS, Semiconducting Materials and Devices, Engineering and Technology

Academic Titles / Tasks

Professor, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği , 2009 - Continues

Associate Professor, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği , 2004 - 2009

Assistant Professor, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği , 2001 - 2004

Research Assistant, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği , 1995 - 2000

Academic and Administrative Experience

Manager of Research and Application Center, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği , 2020 - Continues
Chairman of the Scientific Award Committee, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği , 2020 - Continues
Rektörlük Akademik Teşvik Değerlendirme Komisyonu Başkanı, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği , 2018 - Continues
Vice Rector, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği , 2018 - Continues
Head of Department, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği , 2014 - 2020
Erciyes Üniversitesi, Mühendislik Fakültesi, 2012 - 2015
Erciyes Üniversitesi, Mühendislik Fakültesi, 2009 - 2015
Erciyes Üniversitesi, 2009 - 2012
Erciyes Üniversitesi, 2007 - 2010
Erciyes Üniversitesi, Elektrik-Elektronik Mühendisliği, 2005 - 2009

Courses

Çok Geniş Ölçekli Tümdevre Tasarımına Giriş, Doctorate, 2017 - 2018
Elektronik Devreler-II, Undergraduate, 2017 - 2018
Elektronik Devre Tasarımında Hibrid Yaklaşımlar, Doctorate, 2017 - 2018
Kaotik Sistemler ve Elektronik Devre Uygulamaları, Postgraduate, 2017 - 2018
Bilgisayar Destekli Devre Tasarımı, Undergraduate, 2017 - 2018
Elektronik Devre Donanımı ve Test Teknikleri, Undergraduate, 2017 - 2018
Elektronik Elemanlar, Undergraduate, 2017 - 2018
Analog Tümdevreler ve Mekatronik Sistem Uygulamaları, Postgraduate, 2017 - 2018
Mekatronik Sistem Tasarımında Elektronik Devre Simülatörleri, Postgraduate, 2017 - 2018
Elektronik Devreler-I, Undergraduate, 2017 - 2018
Lineer Olmayan Elektronik Devreler ve Kaos, Postgraduate, 2017 - 2018

Advising Theses

KILIÇ R., Kaos Tabanlı Kriptosistemlerin Kriptanalizleri ve Yeni Tasarım Yaklaşımları, Doctorate, İ.Öztürk(Student), Continues
KILIÇ R., MEMRİSTÖR TABANLI NÖROMORFİK MODELLEME ve NÖRONAL AĞ UYGULAMALARI, Doctorate, S.ARIK(Student), Continues
KILIÇ R., Nöromorfolojik Ağ Yapılarında Senkronizasyon ve Kontrol Uygulamaları İçin Alternatif Yaklaşımlar, Doctorate, Z.ÇİMEN(Student), Continues
KILIÇ R., Nöromorfolojik Merkezi Desen Üreteçlerinin Gerçekleştiriminde Alternatif Model ve Donanım Yaklaşımları, Doctorate, N.KORKMAZ(Student), 2018
KILIÇ R., YAPAY SİNİR AĞI VE FOTOMETRİK YÖNTEMLER İLE MADDE TANIMA SİSTEMİ TASARIMI, Postgraduate, E.Kürşat(Student), 2017
KILIÇ R., Memristör Tabanlı Nonlineer Sistem Uygulamaları, Postgraduate, S.Arik(Student), 2015
KILIÇ R., Programlanabilir Kaotik Sistem Tabanlı Rastgele Sayı Üreteçlerinin Tasarımı ve Gerçekleştirilmesi, Postgraduate, İ.Öztürk(Student), 2013
KILIÇ R., Biyolojik Nöron Modellerinin Elektronik Donanımlarının İncelenmesi, Postgraduate, N.DAHASERT(Student), 2012
KILIÇ R., Kaotik Sistem Tasarımında Programlanabilir Dizi Uygulamaları, Doctorate, F.Yıldırım(Student), 2011
KILIÇ R., Alan Programlanabilir Analog Dizi Tabanlı RFID Okuyucu Tasarımı, Postgraduate, M.YILMAZ(Student), 2009
KILIÇ R., Elektronik Deney Setleri İçin Uygulama ve Ölçüm Konsol Tasarımı, Postgraduate, F.Elmalı(Student), 2007
KILIÇ R., Mühendislik Lisans ve Lisansüstü Eğitim Programlarında Kaotik Devreler ve sistemlerin Araştırılmasına Dönük

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On addressing the similarities between STDP concept and synaptic/ memristive coupled neurons by realizing of the memristive synapse based HR neurons**
BARAN A. Y. , KORKMAZ N., Ozturk I., KILIÇ R.
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, vol.32, 2022 (Peer-Reviewed Journal)
- II. **An extensive FPGA-based realization study about the Izhikevich neurons and their bio-inspired applications**
Karaca Z., KORKMAZ N., Altuncu Y., KILIÇ R.
NONLINEAR DYNAMICS, 2021 (Peer-Reviewed Journal)
- III. **Utilizing true periodic orbits in chaos-based cryptography**
Ozturk I., KILIÇ R.
NONLINEAR DYNAMICS, 2021 (Peer-Reviewed Journal)
- IV. **Evaluating the effectiveness of several synchronization control methods applying to the electrically and the chemically coupled hindmarsh-rose neurons**
Çimen Z., KORKMAZ N., Altuncu Y., KILIÇ R.
BioSystems, vol.198, 2020 (Peer-Reviewed Journal)
- V. **Higher Dimensional Baker Map and its Digital Implementation With LSB-Extension Method**
Ozturk I., KILIÇ R.
IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS I-REGULAR PAPERS, vol.66, no.12, pp.4780-4792, 2019 (Peer-Reviewed Journal)
- VI. **An Alternative Approach for Setting the Optimum Coupling Parameters Among the Neural Central Pattern Generators Considering the Amplitude and the Phase Error Calculations**
KORKMAZ N., KILIÇ R.
NEURAL PROCESSING LETTERS, vol.50, no.1, pp.645-667, 2019 (Peer-Reviewed Journal)
- VII. **Analysis and experimental verification of a new chaotic system with hyperbolic/non-hyperbolic equilibria**
Ozturk I., KILIÇ R.
CHAOS SOLITONS & FRACTALS, vol.117, pp.183-191, 2018 (Peer-Reviewed Journal)
- VIII. **A Comparative Study on Determining Nonlinear Function Parameters of the Izhikevich Neuron Model**
KORKMAZ N., Ozturk I., KALINLI A., KILIÇ R.
JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS, vol.27, no.10, 2018 (Peer-Reviewed Journal)
- IX. **Digitally generating true orbits of binary shift chaotic maps and their conjugates**
Ozturk I., KILIÇ R.
COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, vol.62, pp.395-408, 2018 (Peer-Reviewed Journal)
- X. **Modeling, simulation, and implementation issues of CPGs for neuromorphic engineering applications**
KORKMAZ N., Ozturk I., KILIÇ R.
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.26, no.4, pp.782-803, 2018 (Peer-Reviewed Journal)
- XI. **The investigation of chemical coupling in a HR neuron model with reconfigurable implementations**
KORKMAZ N., Ozturk I., KILIÇ R.
NONLINEAR DYNAMICS, vol.86, no.3, pp.1841-1854, 2016 (Peer-Reviewed Journal)
- XII. **Multiple perspectives on the hardware implementations of biological neuron models and programmable design aspects**
KORKMAZ N., Ozturk I., KILIÇ R.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.3, pp.1729-1746, 2016

(Peer-Reviewed Journal)

- XIII. **A novel method for producing pseudo random numbers from differential equation-based chaotic systems**
Ozturk I., KILIÇ R.
NONLINEAR DYNAMICS, vol.80, no.3, pp.1147-1157, 2015 (Peer-Reviewed Journal)
- XIV. **RECONFIGURABLE HARDWARE PLATFORM FOR EXPERIMENTAL TESTING AND VERIFYING OF MEMRISTOR-BASED CHAOTIC SYSTEMS**
ARIK S., KILIÇ R.
JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS, vol.23, no.10, 2014 (Peer-Reviewed Journal)
- XV. **Cycle Lengths and Correlation Properties of Finite Precision Chaotic Maps**
Ozturk I., KILIÇ R.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.24, no.9, 2014 (Peer-Reviewed Journal)
- XVI. **Implementations of Modified Chaotic Neural Models with Analog Reconfigurable Hardware**
KORKMAZ N., KILIÇ R.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.24, no.4, 2014 (Peer-Reviewed Journal)
- XVII. **Experimental realizations of the HR neuron model with programmable hardware and synchronization applications**
Dahasert N., Ozturk I., KILIÇ R.
NONLINEAR DYNAMICS, vol.70, no.4, pp.2343-2358, 2012 (Peer-Reviewed Journal)
- XVIII. **A NEW WAY OF GENERATING N-SCROLL ATTRACTORS VIA TRIGONOMETRIC FUNCTION**
GÜNAY E., KILIÇ R.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.21, no.3, pp.897-901, 2011 (Peer-Reviewed Journal)
- XIX. **Utilizing SIMULINK in Modeling and Simulation of Generalized Chaotic Systems With Multiple Nonlinear Functions**
KILIÇ R., Dalkiran F.
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.18, no.4, pp.684-693, 2010 (Peer-Reviewed Journal)
- XX. **UNIVERSAL PROGRAMMABLE CHAOS GENERATOR: DESIGN AND IMPLEMENTATION ISSUES**
Kilic R.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.20, no.2, pp.419-435, 2010 (Peer-Reviewed Journal)
- XXI. **Programmable design and implementation of a chaotic system utilizing multiple nonlinear functions**
KILIÇ R., Dalkiran F.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.18, no.4, pp.647-655, 2010 (Peer-Reviewed Journal)
- XXII. **RECONFIGURABLE IMPLEMENTATIONS OF CHUA'S CIRCUIT**
KILIÇ R., Dalkiran F.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.19, no.4, pp.1339-1350, 2009 (Peer-Reviewed Journal)
- XXIII. **A survey of Wien bridge-based chaotic oscillators: Design and experimental issues**
Kilic R., Ydirim F.
CHAOS SOLITONS & FRACTALS, vol.38, no.5, pp.1394-1410, 2008 (Peer-Reviewed Journal)
- XXIV. **Attractor gallery from a new higher dimensional chaotic circuit**
Kilic R.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.18, no.1, pp.227-234, 2008 (Peer-Reviewed Journal)
- XXV. **Chaos training boards: Versatile pedagogical tools for teaching chaotic circuits and systems**
KILIÇ R., Karauz B.
INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION, vol.24, no.3, pp.634-644, 2008 (Peer-Reviewed Journal)
- XXVI. **SC-CNN based multifunction signal generator**
Kilic R.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.17, no.12, pp.4387-4393, 2007 (Peer-Reviewed Journal)

- XXVII. **Implementation of a laboratory tool for studying mixed-mode chaotic circuit**
KILIÇ R., Karauz B.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.17, no.10, pp.3633-3638, 2007 (Peer-Reviewed Journal)
- XXVIII. **Experimental observations of EMI effects in autonomous Chua's chaotic circuit**
Kilic R., Saracoglu O. G., Yildirim F.
CHAOS SOLITONS & FRACTALS, vol.32, no.3, pp.1168-1177, 2007 (Peer-Reviewed Journal)
- XXIX. **Mixed-mode chaotic circuit with Wien-bridge configuration: The results of experimental verification**
Kilic R.
CHAOS SOLITONS & FRACTALS, vol.32, no.3, pp.1188-1193, 2007 (Peer-Reviewed Journal)
- XXX. **Experimental realizations of higher dimensional chaotic circuits including both floating and grounded inductors**
Kilic R., Yildirim F.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.17, no.2, pp.607-616, 2007 (Peer-Reviewed Journal)
- XXXI. **Experimental study on impulsive synchronization between two modified Chua's circuits**
Kilic R.
NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS, vol.7, no.5, pp.1298-1303, 2006 (Peer-Reviewed Journal)
- XXXII. **Experimental modifications of VOA-based autonomous and nonautonomous Chua's circuits for higher dimensional operation**
Kilic R.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.16, no.9, pp.2649-2658, 2006 (Peer-Reviewed Journal)
- XXXIII. **Experimental investigation of impulsive synchronization between two mixed-mode chaotic circuits**
Kilic R.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.16, no.5, pp.1527-1536, 2006 (Peer-Reviewed Journal)
- XXXIV. **A new nonautonomous version of Chua's circuit: Experimental observations**
Kilic R., Saracoglu O., Yildirim F.
JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS, vol.343, no.2, pp.191-203, 2006 (Peer-Reviewed Journal)
- XXXV. **CFOA-Based Inductorless Mixed-Mode Chua's Circuits**
KILIÇ R., YILDIRIM DALKIRAN F.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.16, pp.709-714, 2006 (Peer-Reviewed Journal)
- XXXVI. **Current-Feedback Operational Amplifier-Based Inductorless Mixed-Mode Chua's Circuits**
KILIÇ R., YILDIRIM DALKIRAN F.
International Journal Of Bifurcation And Chaos, 2006 (Peer-Reviewed Journal)
- XXXVII. **Impulsive synchronization between two mixed-mode chaotic circuits**
Kilic R.
JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS, vol.14, no.2, pp.333-346, 2005 (Peer-Reviewed Journal)
- XXXVIII. **Inductorless realization of nonautonomous MLC chaotic circuit using current-feedback operational amplifiers**
Çam U., KILIÇ R.
JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS, vol.14, no.1, pp.99-107, 2005 (Peer-Reviewed Journal)
- XXXIX. **A Realization of SC CNN Based Circuit using FTFN**
GÜNAY E., UZUNHİSARCIKLI E., KILIÇ R., ALÇI M.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.13, no.1, pp.39-50, 2005 (Peer-Reviewed Journal)
- XL. **Experimental verification of high frequency performance of FTFN-based simple chaotic circuit**
Yildirim F., Uzunhisarcikli E., Kilic R., Alci M.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.15, no.1, pp.191-205, 2005 (Peer-Reviewed Journal)
- XLI. **Two impulsive synchronization studies using SC-CNN-based circuit and Chua's circuit**

- Kilic R., Alci M., Gunay E.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.14, no.9, pp.3277-3293, 2004 (Peer-Reviewed Journal)
- XLII. **Experimental study of CFOA-based inductorless Chua's circuit**
Kilic R.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.14, no.4, pp.1369-1374, 2004 (Peer-Reviewed Journal)
- XLIII. **Chaos synchronization in SC-CNN-based circuit and an interesting investigation: Can a SC-CNN-based circuit behave synchronously with the original Chua's circuit?**
Kilic R.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.14, no.3, pp.1071-1083, 2004 (Peer-Reviewed Journal)
- XLIV. **A harmony of linear and nonlinear oscillations: Wien bridge-based mixed-mode chaotic circuit**
Kilic R.
JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS, vol.13, no.1, pp.137-149, 2004 (Peer-Reviewed Journal)
- XLV. **Realization of inductorless chua's circuit using FTFN-based nonlinear resistor and inductance simulator**
Kilic R., Çam U., Kuntman H., Uzunhisarcikli E.
FREQUENZ, vol.58, pp.37-40, 2004 (Peer-Reviewed Journal)
- XLVI. **A SC-CNN-based chaotic masking system with feedback**
Kilic R., Alci M., Gunay E.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.14, no.1, pp.245-256, 2004 (Peer-Reviewed Journal)
- XLVII. **A comparative study on realization of Chua's circuit: Hybrid realizations of Chua's circuit combining the circuit topologies proposed for Chua's diode and inductor elements**
Kilic R.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.13, no.6, pp.1475-1493, 2003 (Peer-Reviewed Journal)
- XLVIII. **On CFOA-Based Realizations of Chua's Circuit**
KILIÇ R.
CIRCUITS SYSTEMS AND SIGNAL PROCESSING, vol.22, pp.475-491, 2003 (Peer-Reviewed Journal)
- XLIX. **A simple CMOS-based membership function circuit**
Tokmakci M., Alci M., Kilic R.
ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING, vol.32, no.1, pp.83-88, 2002 (Peer-Reviewed Journal)
- L. **Improved realization of mixed-mode chaotic circuit**
Kilic R., Alci M., ÇAM U., KUNTMAN H.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.12, no.6, pp.1429-1435, 2002 (Peer-Reviewed Journal)
- LI. **Mixed-mode chaotic circuit and its application to chaotic communication for transmission of analog signals**
Kilic R., Alci M.
INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, vol.11, no.2, pp.571-581, 2001 (Peer-Reviewed Journal)
- LII. **Mixed-mode chaotic circuit**
Kilic R., Alci M., Tokmakci M.
ELECTRONICS LETTERS, vol.36, no.2, pp.103-104, 2000 (Peer-Reviewed Journal)

Articles Published in Other Journals

- I. **Experimenting Chaos with Chaotic Training Boards**
KILIÇ R., KORKMAZ N.
CMSIM An International Journal of Nonlinear Science, 2016 (Peer-Reviewed Journal)

- II. **Güvenilir Haberleşme Sistem Tasarımında Kaotik Devre ve Dinamiklerin Kullanılması , 2004**
KILIÇ R.
KARA HARP OKULU BİLİM DERGİSİ, vol.14, pp.91-101, 2004 (Peer-Reviewed Journal)
- III. **Design and analysis of the mixed-mode chaotic circuit**
KILIÇ R., ALÇI M.
International Conference on Control of Oscillations and Chaos, Proceedings, no.1, pp.158-159, 2000 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **A Practical Guide For Studying Chua's Circuits**
KILIÇ R.
World Scientific Publishing , Singapur, 2010
- II. **Elektronik Devreler ve Uygulamaları-I**
ALÇI M., KILIÇ R.
Erciyes Üniversitesi Yayınları, Kayseri, 1998

Refereed Congress / Symposium Publications in Proceedings

- I. **Coupling the FitzHugh-Nagumo Neuron Model with Memristive Synapse Structure in Neuromorphic Systems Nöromorfik Sistemlerde FitzHugh-Nagumo Nöron Modelinin Memristif Sinaps Yapisi ile Kuplajlanmasi**
BARAN A. Y. , Korkmaz N., KILIÇ R.
2021 Innovations in Intelligent Systems and Applications Conference, ASYU 2021, Elazığ, Turkey, 6 - 08 October 2021
- II. **A New Pseudo Random Number Generator Based On Chebyshev Maps And Parameter Switching**
ÖZTÜRK İ., KILIÇ R.
6th International Conference on Control Engineering Information Technology, İstanbul, Turkey, 25 - 27 October 2018
- III. **Hardware Verification: Determining the Parameters of the Modified Izhikevich Neuron Model with Genetic Algorithm**
KORKMAZ N., Ozturk I., KALINLI A., KILIÇ R.
10th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 30 November - 02 December 2017, pp.588-592
- IV. **Design and Implementation of Artificial Neural Network Supported Photometric System for Recognizing Substances**
Dal E. K. , KILIÇ R.
International Advanced Researches & Engineering Congress-2017, Osmaniye, Turkey, 16 - 18 November 2017, pp.1177
- V. **Parameter Estimations for the Modified Izhikevich Neuron Model with Optimization Methods**
KORKMAZ N., KILIÇ R., KALINLI A., ÖZTÜRK İ.
10th Chaotic Modeling and Simulation International Conference, Barselona, Spain, 30 May - 02 June 2017, pp.70
- VI. **A Comparative Study on Experimental Realizations of Multiscroll Chaos Generators**
KILIÇ R., KORKMAZ N., ÖZTÜRK İ.
The 9th Chaotic Modeling and Simulation International Conference, Londra, United Kingdom, 23 - 26 May 2016, pp.51
- VII. **Kiliç R Korkmaz N Experimenting Chaos with Chaotic Training Boards Paris FRANSA 26 29 Mayıs 2015 pp 59 59**
KILIÇ R., KORKMAZ N.

CHAOS2015, 8th Chaotic Modeling and Simulation International Conference, 26 - 29 May 2015

- VIII. **Experimenting chaos with chaotic training boards**
KILIÇ R., KORKMAZ N.
8th International Conference on Chaotic Modeling and Simulation, CHAOS 2015, Paris, France, 26 - 29 May 2015, pp.379-392
- IX. **Reconfigurable Implementations of PWL-Based Multiscroll Chaos Generator**
ARIK S., KORKMAZ N., Ozturk I., KILIÇ R., GÜNAY E.
8th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 28 - 30 November 2013, pp.604-608
- X. **On the flexible hardware solutions of biological neuron models and synchronization applications**
KORKMAZ N., ÖZTÜRK İ., KILIÇ R.
21th International Conference on Nonlinear Dynamics of Electronics Systems, Bari, Italy, 10 - 13 July 2013, pp.11
- XI. **An Introductory Study For Chaos Training Board Series**
KILIÇ R., KORKMAZ N., GÜNAY E.
21th International Conference on Nonlinear Dynamics of Electronics Systems, Bari, Italy, 10 - 13 July 2013, pp.1
- XII. **ON THE FLEXIBLE HARDWARE SOLUTIONS OF BIOLOGICAL NEURON MODELS AND SYNCHRONIZATION APPLICATIONS**
KORKMAZ N., KILIÇ R.
International Conference on Nonlinear Dynamics of Electronics Systems (NDES), 10 - 12 July 2013
- XIII. **Izhikevich nöron modelinin alan programlanabilir elemanlarla gerçekleştirimi**
DAHASERT N., ÖZTÜRK İ., KILIÇ R.
SİU2012-20. IEEE Sinyal İşleme ve Uygulamaları Kurultayı, Antalya, Turkey, 1 - 04 January 2012
- XIV. **SC-CNN Based n-scroll Generator:Implementation Issues and Experimental Verification**
KILIÇ R., GÜNAY E., DAHASERT N.
NDES2012-The 20th International Conference on Nonlinear Dynamics of Electronics Systems (NDES), Wolfenbüttel, Germany, 1 - 04 January 2012, pp.165-168
- XV. **Merkezi Desen Üreteçleri için Donanımsal Çözümler**
GÜNAY E., KILIÇ R., DAHASERT N., ÖZTÜRK İ.
ELECO 2012-ELEKTRİK - ELEKTRONİK ve BİLGİSAYAR MÜHENDİSLİĞİ SEMPOZYUMU, Bursa, Turkey, 1 - 04 January 2012, pp.332-335
- XVI. **Experimental Verification of CNN (Cellular Neural Network)-Based Nonautonomous MLC Chaos Generator**
KILIÇ R., GÜNAY E., YILDIRIM DALKIRAN F., MUTLU Ü.
20th European Conference on Circuit Theory and Design (ECCTD 2011), Linköping, Sweden, 29 - 31 August 2011, pp.645-648
- XVII. **External and Internal Control Applications for SC-CNN-Based Chaotic Circuit**
GÜNAY E., KILIÇ R., DAHASERT N.
ECCTD2011- European Conference on Circuit Theory and Design, Linköping, Sweden, 1 - 04 January 2011, pp.620-623
- XVIII. **Experimental Verification of CNN (Cellular Neural Network)-Based Nonautonomous MLC Chaos Generator”, ECCTD2011 European Conference on Circuit Theory and Design**
KILIÇ R., GÜNAY E., YILDIRIM DALKIRAN F., Mutlu Ü.
ECCTD2011 European Conference on Circuit Theory and Design, Linköping, Sweden, 1 - 04 January 2011, pp.624-627
- XIX. **Hardware implementations for CNN (Cellular Neural Network)-based nonautonomous MLC circuit HSA (Hücresel Sinir Ağı)-tabanlı otonom olmayan MLC devresinin donanımsal gerçekleştirmeleri**
YILDIRIM DALKIRAN F., GÜNAY E., KILIÇ R.
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