



## PROF. ALİ KIRÇAY

### Kişisel Bilgiler

Eposta: kircay@harran.edu.tr

Birimi : Elektronik

Dahili : 1089

### Makaleler (YOKSIS)

- 1 **A new 5th order differential type class AB log domain elliptic lowpass filter for video frequency applications**  
KIRÇAY ALİ,ÇAM UĞUR  
Analog Integrated Circuits and Signal Processing,<http://link.springer.com/10.1007/s10470-009-9292-z>
- 2 **A New Curren Mode Square Root Domain General Notch Filter**  
KIRÇAY ALİ,KESERLİOĞLU MEHMET SERHAT,ÇAM UĞUR  
JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS,
- 3 **A New Log Domain Realization of Two Integrator Loop Biquad**  
KIRÇAY ALİ,ÇAM UĞUR  
Frequenz,<http://www.degruyter.com/view/j/freq.2006.60.3-4/freq.2006.60.3-4.50/freq.2006.60.3-4.50.xml>
- 4 **A novel first order log domain allpass filter**  
KIRÇAY ALİ,ÇAM UĞUR  
AEU - International Journal of Electronics and Communications,<http://linkinghub.elsevier.com/retrieve/pii/S1434841105001597>
- 5 **A novel log domain first order multifunction filter**  
KIRÇAY ALİ,ÇAM UĞUR  
ETRI JOURNAL,
- 6 **A Simpler Single Phase Single Stage Grid Connected PV System with Maximum Power Point Tracking Controller**  
BÖREKÇİ SELİM,KANDEMİR EKREM,KIRÇAY ALİ  
Elektronika ir Elektrotehnika,<http://www.eejournal.ktu.lt/index.php/elt/article/view/12782>
- 7 **Akım Modlu Logaritmik Tabanlı AB Sınıfı Dördüncü Derece Chebyshev Alçak Geçiren Süzgeç Tasarımı**  
KÖROĞLU Derya Barış, KIRÇAY ALİ

- 7 Dicle Universitesi Muhendislik Fakultesi Muhendislik Dergisi,<http://dx.doi.org/10.24012/dumf.1125727>
- 8 **CCCII Kullanarak Akım Modlu Kesirli Dereceli Basamak Süzgeç Tasarımı**  
ÖNCEL BETÜL, KIRÇAY ALİ  
Harran University,<http://dx.doi.org/10.46578/humder.1240123>
- 9 **CCII Kullanılarak Akım Modlu, Kesirli Dereceli Evrensel Süzgeç Tasarımı ve Gerçekleştirilmesi**  
KAHRAMAN Serkan, KIRÇAY ALİ  
HARRAN ÜNİVERSİTESİ MÜHENDİSLİK DERGİSİ,
- 10 **Current-mode fractional-order shelving filters using MCFOA for acoustic applications**  
ŞEN FADİLE, KIRÇAY ALİ, SONBAŞ COBB BUKET, KARCİ HASARİ  
Elsevier BV,<http://dx.doi.org/10.1016/j.aeue.2023.154608>
- 11 **Design and Implementation of a LED Driver Circuit With Dimming Function Without Burst Mode at Constant Switching Frequency**  
BÖREKÇİ SELİM, ÇETİN ACAR NİHAL, ÖZDEM Şuayip, KIRÇAY ALİ  
Light & Engineering,<http://dx.doi.org/10.33383/2022-118>
- 12 **Differential Type Class AB Second Order Log Domain Notch Filter**  
KIRÇAY ALİ,ÇAM UĞUR  
IEEE Transactions on Circuits and Systems I: Regular Papers,<http://ieeexplore.ieee.org/lpdocs/epic03/wrapper.htm?arnumber=4436020>
- 13 **Electronically Tunable Current Mode Biquad Design Using MO OTAs**  
KIRÇAY ALİ,BÖREKÇİ SELİM  
JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS,
- 14 **Electronically tunable current mode square root domain first order multifunction filter**  
KIRÇAY ALİ  
International Journal of Electronics,
- 15 **Electronically Tunable Current-Mode Square-Root-Domain First Order All-Pass Filters and Their Quadrature Oscillator Applications**  
ADALAR FATMA ZUHAL,KIRÇAY ALİ,KESERLİOĞLU MEHMET SERHAT  
International Journal of Electrical Energy,
- 16 **Electronically Tunable Current-Mode Third-Order Square-Root-Domain Filter Design**  
KIRÇAY ALİ,KESERLİOĞLU MEHMET SERHAT,ADALAR FATMA ZUHAL  
Journal of Circuits, Systems and Computers,<https://www.worldscientific.com/doi/abs/10.1142/S0218126618501360>
- 17 **Elektrikli Araçlarda Batarya Şarj Ünitesi için LLC Rezonans Dönüştürücünün Kurulumu, Modellemesi ve Analizi**  
YILMAZ ÜNAL, KIRÇAY ALİ  
Gazi Journal of Engineering Sciences,<http://dx.doi.org/10.30855/gmbd.2021.03.12>
- 18 **LED dimming technique without frequency and pulse width modulations**  
BÖREKÇİ SELİM,cetin acar nihal,KIRÇAY ALİ

- 18 INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS,<http://doi.wiley.com/10.1002/cta.2523>
- 19 **MO-CCCII Based Current-Mode Fractional-Order Universal Filter**  
ŞEN FADİLE, KIRÇAY ALİ  
Journal of Circuits, Systems and Computers,<http://dx.doi.org/10.1142/s0218126621501322>
- 20 **MODELING OF PV PANEL AND INVESTIGATION OF MPPT METHODS FOR GRID-CONNECTED PV SYSTEM**  
RASHEED MOHAMMED MAHMOOD RASHEED, KIRÇAY ALİ, BÖREKÇİ SELİM  
International Journal of Industrial Electronics and Electrical Engineering,[http://ijieee.org.in/paper\\_detail.php?paper\\_id=18757](http://ijieee.org.in/paper_detail.php?paper_id=18757)
- 21 **Novel first order differential class AB log domain allpass filters**  
KIRÇAY ALİ, ÇAM UĞUR, TOLA ABDULLAH TAHSİN  
AEU - International Journal of Electronics and Communications,<http://linkinghub.elsevier.com/retrieve/pii/S1434841106000185>
- 22 **PID ve Kayan Kipli Kontrol Kullanarak DC Motor Besleme Amaçlı Bir PV Sistemin Tasarlanması**  
AKGÜN Ahmet, KIRÇAY ALİ  
Harran University,<http://dx.doi.org/10.46578/humder.1141916>
- 23 **PV system fuzzy logic MPPT method and PI control as a charge controller**  
YILMAZ ÜNAL, KIRÇAY ALİ, BÖREKÇİ SELİM  
RENEWABLE SUSTAINABLE ENERGY REVIEWS,
- 24 **PV System Incremental Conductance MPPT Method Applied Flyback Converter Under Variable Temperature and Irradiance**  
YILMAZ ÜNAL, KIRÇAY ALİ  
the European Journal of Technic (EJT),
- 25 **Realization of Electronically Tunable Current-Mode Square-Root-Domain Multifunction Filter**  
KESERLİOĞLU MEHMET SERHAT, KIRÇAY ALİ  
International Refereed Journal of Engineering and Science (IRJES),
- 26 **Sinh-ortam süzgeçlerinin biyomedikal uygulama örneklerinin incelenmesi**  
ADALAR FATMA ZUHAL, KIRÇAY ALİ  
DÜMF Mühendislik Dergisi,<http://dx.doi.org/10.24012/dumf.955658>
- 27 **State Space Synthesis of Current Mode First Order Log Domain Filters**  
KIRÇAY ALİ, ÇAM UĞUR  
Turkish Journal of Electrical Engineering and Computer Sciences,
- 28 **The Design of Current Mode Electronically Tunable First Order Square Root Domain Filters Using State Space Synthesis Method**  
M SERHAT KESERLİOĞLU, KIRÇAY ALİ  
International Review of Modeling and Simulation,
- 29 **The Design of Fifth-Order Butterworth Lowpass Log-Domain Filter for Bluetooth/Wi-Fi Receiver Using Signal Flow Graph Method**

- 29 SERTTAŞ TUBA NUR,KIRÇAY ALI  
JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS,
- 30 **The design of low voltage/power current-mode sinh-domain filter for biomedical applications**  
ADALAR FATMA ZUHAL, KIRÇAY ALI  
Analog Integrated Circuits and Signal Processing,<http://dx.doi.org/10.1007/s10470-021-01897-w>
- 31 **Universal resistorless current mode filters employing CCCIs**  
YÜCE ERKAN,KIRÇAY ALI,TOKAT SEZAI  
International Journal of Circuit Theory and Applications,<http://doi.wiley.com/10.1002/cta.455>

## **Bildiriler (YOKSIS)**

- 1
- 2 **A Dictionary Study of terms in Human-Computer Interaction (HCI) for Terminology Unity**  
AKASLAN DURSUN,BEŞLİ NURETTİN,KIRÇAY ALI  
6. International Congress on Current Debates in Social Science ,
- 3 **A new 5th Order Differential Type Class AB Log domain Elliptic Lowpass Filter for Video Frequency Applications**  
Kircay Ali, Cam Ugur  
International Conference on Electrical and Electronics Engineering (ELECO 2007) ,
- 4 **A new 7th-order log-domain elliptic video filter using E-cell circuits approach**  
KIRÇAY ALI,YÜCE ERKAN  
8th International Conference on Electrical and Electronics Engineering ,
- 5 **A new current mode square root domain notch filter**  
KIRÇAY ALI,KESERLİOĞLU MEHMET SERHAT,ÇAM UĞUR  
2009 European Conference on Circuit Theory and Design ,  
<http://ieeexplore.ieee.org/lpdocs/epic03/wrapper.htm?arnumber=5274933>
- 6 **A novel approach for composing a natural appearing polylactic acid (PLA) using Urfa-Pistachio-Shell in 3D Printing**  
KIRÇAY ALI,AKASLAN DURSUN,BEŞLİ NURETTİN,SUZER MEHMET HADI  
3rd Conference on Advances in Mechanical Engineering ,
- 7 **A Novel First Order Log Domain Allpass Filter**  
Kircay Ali, Cam Ugur  
International Conference on Electrical and Electronics Engineering (ELECO 2005) ,
- 8 **A Simpler Single Phase Single Stage Grid Connected PV System with Maximum Power Point Tracking Controller**  
BÖREKÇİ SELİM,KANDEMİR EKREM,KIRÇAY ALI  
The 19th International Conference ELECTRONICS 2015 ,

- 9 Akım modlu çok fonksiyonlu logaritmik ortam süzgeç tasarımı ve gerçekleştirilmesi**  
Kırçay Ali, Çam Uğur  
Elektrik-Elektronik-Bilgisayar Müh. 11. Ulusal Kongresi ,
- 10 Alleviating the Impacts of Foreign Originated Terms in Microelectronics on Turkish Language Using A New Approach to Term Derivation Algorithms**  
AKASLAN DURSUN,KIRÇAY ALİ,BEŞLİ NURETTİN  
6. International Conference on Current Debates in Social Sciences ,
- 11 Analyzing Sensors and Actuators in Smart Phones for High Performance Virtual Reality Applications**  
AKASLAN DURSUN,BEŞLİ NURETTİN,SUZER MEHMET HADİ,KIRÇAY ALİ  
3rd Conference on Advances in Mechanical Engineering ,
- 12 Birinci Derece Fark Alıcı AB Sınıfı Logaritmik Ortam Tüm Geçiren Filtrenin Durum Uzay Sentezi**  
Kırçay Ali, Çam Uğur, Tola Abdullah T  
IEEE 13. Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU-2005) ,
- 13 Current Mode Second Order Square Root Domain Bandpass Filter for Low Frequency Applications**  
SAĞI FATMA ZUHAL,KIRÇAY ALİ,KESERLİOĞLU MEHMET SERHAT  
Proceedings of the World Congress on Electrical Engineering and Computer Systems and Science (EECSS 2015) ,
- 14 Design and Implementation of Variable Voltage AC/AC Direct Converter**  
SUZER MEHMET HADİ,BEŞLİ NURETTİN,KIRÇAY ALİ,AKASLAN DURSUN  
International Conference on Healthcare, Applied Science and Engineering ,
- 15 Design of differential type class AB log domain second order notchfilter**  
Kircay Ali , Cam Ugur  
2007 IEEE 15TH SIGNAL PROCESSING AND COMMUNICATIONS APPLICATIONS, VOLS1-3 ,
- 16 Design of Third Order Square Root Domain Filters Using State Space Synthesis Method**  
KIRÇAY ALİ,KESERLİOĞLU MEHMET SERHAT,SAĞI FATMA ZUHAL  
The 9th "International Conference on Electrical and Electronics Engineering, ELECO 2015" ,
- 17 Differential type class AB log domain third order universal filter**  
Kircay Ali , Cam Ugur  
2007 IEEE 15TH SIGNAL PROCESSING AND COMMUNICATIONS APPLICATIONS, VOLS1-3 ,
- 18 Electronically Tunable Current Mode Square Root Domain First Order All Pass Filters and Their Quadrature Oscillator Applications**  
SAĞI FATMA ZUHAL,KIRÇAY ALİ,KESERLİOĞLU MEHMET SERHAT  
9th International Conference on Computer and Electrical Engineering (ICCEE 2016) ,
- 19 Fotovoltaik Bir Sistemin Yol ve Sokak Aydınlatılmasına Uygulanması**  
Kırçay Ali, Temiz Mustafa  
Aydınlatma Sempozyumu ,

- 20 GAP Bölgesindeki Sulamada Tasarlanan Bir Sistem İle Güneş Enerjisinin Kullanılması**  
Kırçay Ali, Temiz Ali  
II. GAP ve Sanayi Kongresi ,
- 21 Güneş Rüzgar Hibrit Güç Sistemi ve Üç Fazlı PWM İntertör Kullanarak Bir ve Üç Fazlı Yüklerin Beslenmesi**  
Kırçay Ali, Çetin Engin, Sazak B Sami  
YEKSEM'2001 Yenilenebilir Enerji Kaynakları Sempozyumu ,
- 22 High Q Current Mode CMOS Companding Bandpass Tunable Filter**  
KIRÇAY ALİ  
Advance in Robotics, Mechatronics and Circuits ,
- 23 IGBT lerle Tasarlanan PWM li Bir İntertör İle Üç Fazlı Asenkron Motorun Hız Kontrolünün Gerçekleştirilmesi**  
Kırçay Ali, Temiz Mustafa, Keserlioğlu M Serhat, Özek Ahmet  
Otomasyon Sempozyumu ,
- 24 İşaret Sıkıştırma/Genişletme Yöntemi İle Düşük Gerilimli/Güçlü Devre Tasarımı**  
KIRÇAY ALİ  
1. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ ,  
[https://docs.wixstatic.com/ugd/7cf5ba\\_abb65c269085483db18a1ebd3bb6fa4a.pdf](https://docs.wixstatic.com/ugd/7cf5ba_abb65c269085483db18a1ebd3bb6fa4a.pdf)
- 25 Kare Kök Ortamlı Akım Modlu Elektronik Olarak Ayarlanabilir Evrensel Süzgeç**  
KESERLİOĞLU MEHMET SERHAT, KIRÇAY ALİ  
ELECO'2010, Elektrik-Elektronik-Bilgisayar Mühendisliği Sempozyumu ve Fuarı ,
- 26 Kayıplı İntegratör Kullanılarak Yeni Bir Akım Modlu CMOS Çentik Süzgeç Tasarımı**  
KIRÇAY ALİ  
ELECO'2012, Elektrik-Elektronik-Bilgisayar Mühendisliği Sempozyumu ve Fuarı ,
- 27 Log domain first order multifunction current mode filter design**  
Kircay Ali , Cam Ugur  
2006 IEEE 14th Signal Processing and Communications Applications, Vols 1and 2 ,
- 28 Novel Current Mode Second Order Square Root Domain Highpass and Allpass Filter**  
Keserlioglu M Serhat, Kircay Ali  
International Conference on Electrical and Electronics Engineering (ELECO 2009) ,
- 29 PV System Fuzzy Logic MPPT Method Applied Sepic Converter Under Variable Temperature and Irradiance**  
YILMAZ ÜNAL, KIRÇAY ALİ  
International Energy and Engineering Conference ,
- 30 PV System Incremental Conductance MPPT Method Applied Flyback Converter Under Variable Temperature and Irradiance**  
YILMAZ ÜNAL, KIRÇAY ALİ  
the International Engineering, Science and Education Conference (INESEC) ,

- 31 Realization of Second Order Differential Type Class AB Log Domain Universal Filter Without Changing Circuit Configuration**  
Kırçay Ali , Cam Uğur  
2008 IEEE 16TH SIGNAL PROCESSING, COMMUNICATION AND APPLICATIONS CONFERENCE, VOLS 1 AND 2 ,
- 32 THE DESIGN OF LOG-DOMAIN SECOND-ORDER BANDPASS FILTER FOR VHF APPLICATIONS**  
KIRÇAY ALİ  
1. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ ,
- 33 The Design of CMOS Allpass Tunable Filter Using Non-inverting Lossy Integrator**  
KIRÇAY ALİ, BEŞLİ NURETTİN, AKASLAN DURSUN, SUZER MEHMET HADİ  
International Conference on Healthcare, Applied Science and Engineering ,
- 34 Yüksek Q Değerli Elektronik Olarak Ayarlanabilen Fark Alıcı AB Sınıfı Logaritmik Ortam Bant Geçiren Süzgeç Tasarımı**  
Kırçay Ali, Çam Uğur  
ELECO'2006, Elektrik-Elektronik-Bilgisayar Mühendisliği Sempozyumu ve Fuarı ,