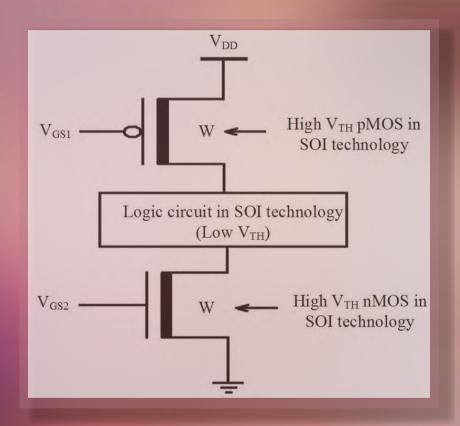


# Circuits and Systems





# **Journal Editorial Board**

ISSN Print: 2153-1285 ISSN Online: 2153-1293 http://www.scirp.org/journal/cs

.....

#### **Editors-in-Chief**

Prof. Mehdi AnwarUniversity of Connecticut, USAProf. Gyungho LeeKorea University, South Korea

#### Associate Editor-in-Chief

Prof. Jichai Jeong Korea University, South Korea

#### **Editorial Board**

**Prof. Terry L. Alford** Arizona State University, USA

**Prof. Dong-Ho Cho**Korea Advanced Institute of Science and Technology, South Korea

**Prof. John Choma** University of Southern California, USA

**Dr. Bhaskar Choubey** University of Glasgow, UK

**Dr. Wonzoo Chung** Korea University, South Korea

**Dr. Nanditha Dissanayake** Brookhaven National Laboratory, USA

Prof. Syed Kamrul Islam University of Tennessee, USA
Prof. Ju Wook Jang Sogang University, South Korea
Prof. Yichuan Jiang Southeast University, China

**Dr. Yogesh N. Joglekar** Indiana University-Purdue University Indianapolis, USA

**Prof. Chi Chung Ko**National University of Singapore, Singapore

Dr. Guowang MiaoDr. Sudarshan R. NelaturyPennsylvania State University, USA

**Dr. Shriram Raghunathan** Cyberonics, Inc., USA

**Prof. Fathi M. Salem** Michigan State University, USA

Prof. Victor Sreeram University of Western Australia, Australia

**Prof. Theodore B. Trafalis** The University of Oklahoma, USA

**Prof. Fan-Gang Tseng** National Tsing Hua University, Chinese Taipei

**Prof. Vincenzo Tucci** University of Salerno, Italy

**Dr. Fei Zhang** Michigan State University, USA

**Dr. Zuxing Zhang** Tohoku University, Japan



## TABLE OF CONTENTS

Volume 4	Number 6	October 2013
An Improved Subthreshold	SOI CMOS Technology Based Circuit Technique for Effective Ro Leakage	eduction of Standby
M. Kumar, Md	I. A. Hussain, S. K. Paul.	431
Switched Capa	acitor Biquad Filter Using CDTA	
M. Dehran, I. I	P. Singh, K. Singh, R. K. Singh	438
<b>Current Proce Grounded Cap</b>	essing Current Tunable Universal Biquad Filter Employing Two opacitors	CCTAs and Two
R. S. Tomar, S.	. V. Singh, D. S. Chauhan	443

The figure on the front cover is from the article published in Circuits and Systems, 2013, Vol. 4, No. 6, pp. 431-437 by Manish Kumar, *et al.* 

Copyright © 2013 SciRes.

### **Circuits and Systems**

#### **Journal Information**

#### **SUBSCRIPTIONS**

The *Circuits and Systems* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly by Scientific Research Publishing, Inc., USA.

#### **Subscription rates:**

Print: \$59 per copy.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

#### **SERVICES**

#### Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

#### Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

#### **COPYRIGHT**

Copyright©2013 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assumes no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

#### PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: cs@scirp.org





# Circuits and Systems

ISSN Print: 2153-1285 ISSN Online: 2153-1293

http://www.scirp.org/journal/cs

Circuits and Systems is an international journal dedicated to the latest advancement of theories, methods and applications in electronics, circuits and systems. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of electronics, circuits and systems.

# Subject Coverage

All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

- Analog Integrated Circuits
- Analog Signal Processing
- Blind Signal Processing
- Circuits and Systems for Communication and Information Technologies
- Circuits and Systems for Trusted Communications and Computing
- Computer and Processor Architecture
- Computer-Aided Network Design
- Digital Integrated Circuits
- Digital Signal Processing
- Digital System Design
- Distributed Sensor Networks and Systems
- Electronic Design Automation
- Embedded System and Software

- Graph Theory and Computing
- Low-Voltage Low-Power Circuits
- Memristors
- Multimedia Systems and Applications
- Nanoelectronics and Gigascale Systems
- Neural Systems and Applications
- Nonlinear Circuits and Systems
- Optoelectronics and Laser Technology
   Power Systems and Power Electronic Circuits
- Reconfigurable Architectures
- System-Level Synthesis
- Telemedicine
- Visual Signal Processing and Communications
- VLSI Systems and Applications

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

# Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

### Website and E-Mail

http://www.scirp.org/journal/cs E-mail: cs@scirp.org