

ISSN: 1913-3715 Volume 9, Number 2, February 2016



International Journal of Communications, Network and System Sciences



ISSN: 1913-3715



www.scirp.org/journal/ijcns

JOURNAL EDITORIAL BOARD

ISSN 1913-3715 (Print) ISSN 1913-3723 (Online)
<http://www.scirp.org/journal/ijcns>

Editor-in-Chief

Prof. Boris S. Verkhovsky

New Jersey Institute of Technology, USA

Associate Editor

Dr. Yuriy Polyakov

New Jersey Institute of Technology, USA

Editorial Board

Dr. Hamid Ali Abed Al-Asadi

Basra University, Iraq

Prof. Sabri Arik

Istanbul University, Turkey

Prof. Jalel Ben-Othman

Université de Paris, France

Prof. Zhenmin Chen

Florida International University, USA

Prof. Ko Chi Chung

National University of Singapore, Singapore

Prof. Daniel B. da Costa

Federal University of Ceará, Brazil

Dr. Franca Delmastro

National Research Council, Italy

Dr. Qiang Duan

Pennsylvania State University Abington College, USA

Prof. Md. B. El-Mashade

Al-Azhar University, Egypt

Prof. Kurt J. Engemann

Iona College, USA

Prof. Morteza Esmaeili

Isfahan University of Technology, Iran

Prof. George Ghinea

Brunel University, UK

Prof. William A. Gruver

Simon Fraser University, Canada

Dr. Yujie Gu

University of Oklahoma, USA

Dr. Zhiyi Huang

University of Otago, New Zealand

Prof. Anca Daniela Ionita

University Politehnica of Bucharest, Romania

Prof. Hiroaki Ishii

Kwansei Gakuin University, Japan

Dr. Chris Joslin

Carleton University, Canada

Prof. Jozef Kelemen

Silesian University, Czech Republic

Prof. Alexander M. Korsunsky

Oxford University, UK

Prof. Felipe Lara-Rosano

National Autonomous University of Mexico, Mexico

Prof. Shahram Latifi

University of Nevada, USA

Dr. Nicola Mastronardi

National Research Council, Italy

Prof. Jianbin Qiu

Harbin Institute of Technology, China

Prof. Kosai Raouf

Joseph Fourier University, France

Prof. Gerhard Ritter

University of Florida, USA

Dr. Ashok N. Rudrapatna

Bell Labs, Alcatel-Lucent, USA

Dr. Arif SARI

Girne American University, Cyprus

Prof. Innokentiy V. Semushin

Ulyanovsk State University, Russia

Prof. Sergei Silvestrov

Mälardalen University, Sweden

Dr. Maolin Tang

Queensland University of Technology, Australia

Prof. Zahir Tari

RMIT University, Australia

Prof. Hrishikesh Venkataraman

Dublin City University, Ireland

Prof. Lotfi A. Zadeh

University of California, USA

Table of Contents

Volume 9 Number 2

February 2016

Real-Time Maqam Estimation Model in Max/MSP Configured for the Nāy

F. M. Al-Ghawanmeh, M. T. Al-Ghawanmeh, M. W. Abed.....39

International Journal of Communications, Network and System Sciences (IJCNS)

Journal Information

SUBSCRIPTIONS

The *International Journal of Communications, Network and System Sciences* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$89 per issue.

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 AND REUSE RIGHTS FOR THE FRONT MATTER OF THE JOURNAL:

Copyright © 2016 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

COPYRIGHT FOR INDIVIDUAL PAPERS OF THE JOURNAL:

Copyright © 2016 by author(s) and Scientific Research Publishing Inc.

REUSE RIGHTS FOR INDIVIDUAL PAPERS:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

DISCLAIMER OF LIABILITY

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 assume 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.

SPONSOR:

International School of Software, Wuhan University (iss.whu.edu.cn).

PRODUCTION INFORMATION

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

E-mail: ijcns@scirp.org

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



**Scientific
Research
Publishing**

Website: <http://www.scirp.org>

Subscription: sub@scirp.org

Advertisement: service@scirp.org