

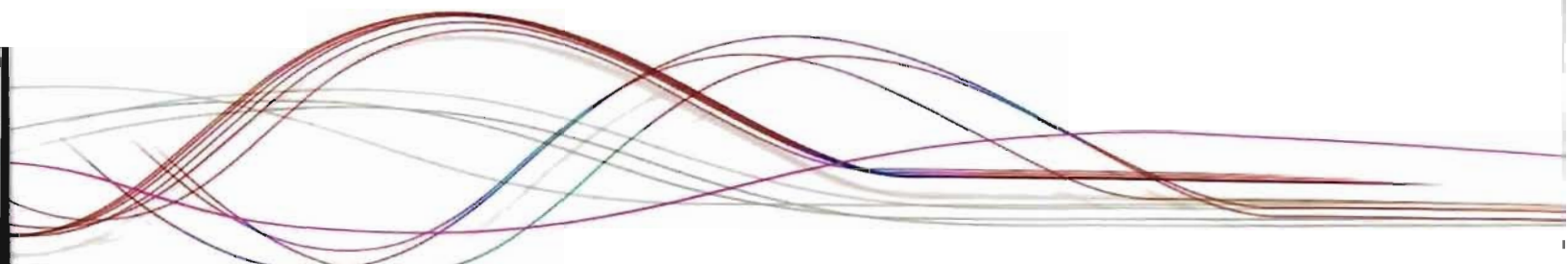


AMIRKABIR JOURNAL

INTERNATIONAL JOURNAL OF ELECTRICAL
AND ELECTRONICS ENGINEERING

Amirkabir / EEE / Vol. 41 / No. 2 / Fall 2009

Since 1968



Contents

Amirkabir / Electrical & Electronics Engineering / Vol.41 / No.2 / Fall 2009

Title	Authors	Page number
<i>Active Filter Control Method Based on Direct Power Control for Compensating Reactive Powers due to Unbalanced Voltages and Nonlinear Loads</i>	<i>E. Abiri M.R. Salehi A. Abrishamifar</i>	<i>1</i>
<i>ISAR Image Improvement Using STFT Kernel Width Optimization Based On Minimum Entropy Criterion</i>	<i>M. Modarres-Hashemi M. Dorostgan M. M. Naghsh</i>	<i>9</i>
<i>A Solution to View Management to Build a Data Warehouse</i>	<i>N. Daneshpour A. Abdollahzadeh Barfouroush</i>	<i>17</i>
<i>A Quantitative Evaluation of Maintainability of Software Architecture Styles</i>	<i>G.R.Shahmohammadi S. Jalili</i>	<i>29</i>
<i>Voltage Coordination of FACTS Devices in Power Systems Using RL-Based Multi-Agent Systems</i>	<i>M. R. Tousi S. H. Hosseinian Mohammad B. Menhaj</i>	<i>39</i>
<i>A Modified Hybrid MoM-Modal Method for Shielding Effectiveness Evaluation of Rectangular Enclosures with Multiple Apertures</i>	<i>V. Rezaei R. Moini S. H. H. Sadeghi F.Rachdi</i>	<i>51</i>
<i>Modeling of Tactile Detection of an Artery in a Soft Tissue by Finite Element Analysis</i>	<i>Ali Abouei Mehrizi Siamak Najarian Majid Moini</i>	<i>59</i>
<i>Design of a Fuzzy Controller Chip with New Structure, Supporting Rational-Powered Membership Functions</i>	<i>A. Naderi; H. Ghasemzadeh A. Pourazar M. Aliasghary</i>	<i>65</i>



In the name of God

The Most Gracious, The Most Merciful

Amirkabir International Journal (AIJ)

The Amirkabir International Journal of Electrical & Electronics Engineering (AIJ –EE) was established in 1969 as a part of the journal known as polytechnic journal of science and technology.

AIJ- EE is published in Spring and Fall. Each volume is indexed, and is available at www.autjournal.com in both viewable and pdf formats.

Editorial Advisory Board

- 1- Abdollahzadeh Bar Fourosh, Ahmad (Professor, Computer Engineering Dept., Amirkabir University of Technology)
- 2- Abedi, Mehrdad (Professor, Electrical Engineering Dept., Amirkabir University of Technology)
- 3- Ahmadi, Majid (Professor of Electrical Engineering , University of Windsor, Canada)
- 4- Faiz, Jawad (Professor of Electrical Engineering Dept., Tehran University)
- 5- Farhangi, Shahrokh (Professor of Electrical Engineering Dept., Tehran University)
- 6- Hagan, Martin (Professor of school of Electrical & Computer Engineering, OSU, USA)
- 7- Jabehdar Maralani, P. (Professor of Electrical Engineering Dept., Tehran University)
- 8- Jamshidi, M. (Professor, University of Texas, San Antonio)
- 9- Kamarei, M. (Professor of Electrical Engineering Dept., Tehran University)
- 10- Khorasani, Khashayar (Professor of Electrical & Computer Engineering Dept., Concordia University, Canada)
- 11- Khotanzad, Alireza (Professor, Electrical Engineering Southern Methodist University ,USA)
- 12- Moallem, Mehrdad (Associate Professor of Electrical & Computer Engineering Dept, Concordia University, Canada)
- 13- Moini Mazandaran, Rouzbeh (Professor, Electrical Engineering Dept., Amirkabir University of Technology)
- 14- Motamedi, S.Ahmad (Professor, Electrical Engineering Dept., Amirkabir University of Technology)
- 15- Najarian, Siamak (Professor, Biomedical Engineering Dept., Amirkabir University of Technology)

- 16- Nasiri, Masoomeh (Professor of Electrical Engineering Dept., Shrif University)
- 17- Nikravesh, S.K.Y. (Professor, Electrical Engineering Dept., Amirkabir University of Technology)
- 18- Soltanian Zadeh, H. (Professor of Electrical Engineering Dept., Tehran University)
- 19- Talebi, Heidar Ali (Associate Professor, Electrical Engineering Dept., Amirkabir University of Technology)

Editor-In-Chief: Professor S.K.Y.Nikravesh

Address:

Amirkabir International Journal of EE

Amirkabir University of Technology, Hafez Ave., Tehran Iran, Postal Code:15914

Telefax: (+98-21-66491123) & (+98-21-64542656)

Web site: www.autjournal.com

Email Address: info@autjournal.com