

# International Journal of Information and Electronics Engineering

## CONTENTS

---

---

### Volume 4, Number 4, July 2014

#### • **Pattern Recognition and Signal Processing**

- Method of Drowsy State Detection for Driver Monitoring Function.....264  
*Masahiro Miyaji*
- Classification of Facial Expression Using Transformed Features.....269  
*M. Arfan Jaffar and Eisa Al Eisa*
- About Some Methods of Motion Detection and Estimation: A Review.....274  
*Amara Kahina, Djekoune A. Oualid, Belhocine Mahmoud, and Achour Nouara*
- A Novel Side Information Generation Algorithm in Distributed Multi-View Video Coding.....279  
*Mohammad Haqqani, Kaamran Raahemifar, and Mahmood Fathy*
- Multidimensional Incremental Parsing: Current Status and Future Directions.....284  
*Anas Youssef Boubas and Saad Harous*

#### • **Artificial Intelligence**

- Large Wireless Ad Hoc Network Clustering with End-to-End QoS Constraints Using Multiobjective Particle Swarm Optimization.....288  
*Nasser M. Alsaedi and Dionysios Kountanis*
- Nuclear Exports Control System Using Semi-Automatic Keyword Extraction.....293  
*Uihyun Kim, Hyunji Kim, Mun Yi, and Donghoon Shin*

#### • **System Software and Software Engineering**

- BSCM: A C++ Library for the Lattice Solution of Boundary Value Problems.....298  
*Jeffery A. Solheim*
- Automated Call Receiving and Forwarding Mechanism for Supporting Integrated Disaster Management System.....302  
*Norazlina Khamis, Lee Chin Yang, and Azlin Nordin*
- Decomposition of Classes on the Stability of Software Architecture.....308  
*Harpreet Kaur and Kashish Sareen*
- Efficient Digital Signage Layout as a Replacement to Virtual Store Layout.....312  
*Muhammad Fazal Ijaz, Jongtae Rhee, Yong-Han Lee, and Ganjar Alfian*
- Strategic Plan and Development Projects for Modern Health Clinical Information Systems at King Saud Medical City.....317  
*Deena M. Barakah, Ayman M. Alrobia, and Sami Alwakeel*

• **Industrial Automation and Control**

Finite-Time Control of Unified Chaotic Systems via I&I.....322

*Qiyue Xie, Xiaoli Wang, and Yi Zuo*

Alternate Methods to Obtain Facility Condition Assessment Data Using Non-Engineering Resources.....326

*Louis Bartels*