

Contents

Editorial	i
-----------	---

Research

A New Log Gabor Approach for Text Detection from Video- SUDIR Prakash, M.Ravishankar	43
---	----

An Innovative Normalization Process by Phase Correlation Method of Iris Images for the block size of 32 * 32- S. Nithyanandam, S. Amaresan, N. Mohamed Haris	54
--	----

GazePointer: A Real Time Mouse Pointer Control Implementation Based on Eye Gaze Tracking- Muhammad Usman Ghani, Sarah Chaudhry, Maryam Sohail, M. Nafees Geelani	64
--	----

Book Review	76
--------------------	----

Conference Notification	77
--------------------------------	----

- Ninth International Conference on Digital Information Management (ICDIM 2014)
- Fourth International Conference on Innovative Computing Technology (INTECH 2014)
- First International Conference on Future Generation Information and Communication Technology (FGICT 2014)
- Third International Conference on Future Generation Communication Technologies (FCGT 2014)

Editorial

We bring this issue with the following pieces of research.

In the first paper on **“A New Log Gabor Approach for Text Detection from Video”** the authors *Sudir Prakash* and *Ravishankar* have proposed localization approach based on Log Gabor filter and Block Eigen map analysis. The characteristics such as size, color, orientation and background complexity have influence and lead to difficulties in multimedia indexing and retrieval. The heuristic based on gray scale pixel co-occurrence to eliminate false positives from the frame can solve the issues. The authors claim that the Experimental results show the promising overall performance.

In the next paper on **“An Innovative Normalization Process by Phase Correlation Method of Iris Images For the block size of 32×32 ”** the authors *Nithyanandam*, *Amaresan* and *Haris* proposed a phase correlation method for Iris image registration principle. The proposed method helps for image acquisition, segmentation, normalization standard on the human being Iris imaging.

In the next paper on **“GazePointer: A Real Time Mouse Pointer Control Implementation Based on Eye Gaze Tracking”** the authors *Muhammad Usman Ghani*, *Sarah Chaudhry*, *Maryam Sohail* and *Nafees Geelani* presented a low cost real time system for eye-gaze based human-computer interaction. The proposed system the authors claim that it is not expensive and offer unlimited usability.

The three published papers in this issue are technically and methodologically advanced in nature.

Editors