

Contents

Editorial i

Research

Fault Diagnosis in Electromotor Pumps using Vibration Analysis-
Hojjat Ahmadi, Zeinab Khaksar 1

Industrial Water Pump Condition Monitoring by Using Time Signal Analysis and
Fault Probability Distribution Function-
Hojjat Ahmadi, Zeinab Khaksar 7

Mathematical Technique for Biometric System-
Dr.Abdul Kareem Murhij Radhi, Mohammed A. aljabbar A. alwahab 12

Development of a Fuzzy Expert system based on PCS7 and FuzzyControl+-
Hanane Zermane, L. Hayet Mouss, Sonia Benaicha 18

Book Review 33

Conference Notification 34

- The Fifth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2012)
- Seventh International Conference on Digital Information Management (ICDIM 2012)
- The Second International Conference on Innovative Computing Technology (INTECH 2012)

Editorial

The essence of the challenge to the electronic systems has been expressed in a group of issues for directing research recently formulated by the studies in chosen areas. These issues and solutions tend to focus on increasing our understanding of, and ultimately control of, technology at the meso, macro and micro levels of electronic systems. Meeting these challenges will require new systems and their design that extend our reach into a wide spectrum of themes.

The publication of ***Journal of Electronic Systems (JES)*** will lead to direct the users to the scope tasks where we like to produce newer designs and their applications. Thus this new journal will begin to publish innovative themes and emerging technologies on many inter and intra electronic systems concepts.

In the first volume, the journal publishes five important papers on seminal topics which cover different electronic systems. We assure that in the forthcoming issues, we will provide wider coverage to address the needs of the researchers.

Editors