

## Table of Contents

**Volume 8 Number 9**

**September 2016**

**Failure Analysis of Ceramic Substrates Used in High Power IGBT Modules**

- Z. Jouini, Z. Valdez-Nava, D. Malec..... 561

**On the Bump Tests of Cracked Shafts Using Acoustic Emission Techniques**

- G. L. S. Pimentel-Junior, F. B. Oliveira, M. T. C. Faria..... 572

**Dukan Dam Reservoir Bed Sediment, Kurdistan Region, Iraq**

- R. Hassan, N. Al-Ansari, S. S. Ali, A. A. Ali, T. Abdullah, S. Knutsson..... 582

**Phoneme Sequence Modeling in the Context of Speech Signal Recognition in Language “Baoule”**

- H. Konan, E. Soro, O. Asseu, B. T. Goore, R. Gbegbe..... 597

**Reliability Design of Ice-Maker System Subjected to Repetitive Loading**

- S.-W. Woo..... 618

**A New Hybrid Order Approach to Morphological Color Image Processing Based on Reduced Order with Adaptive Absolute Reference**

- S. Ouattara, A. Kouassi, J. C. Okaingni, A. Koffi, G. Loum, A. Clement..... 633

**Application of Fractal Theory in Brick-Concrete Structural Health Monitoring**

- C. M. Yang, X. Zhao, Y. F. Yao, Z. Q. Zhang..... 646

**Modeling and Simulation of Hydraulic Hammer for Sleeve Valve**

- Z. S. Xu, G. P. Yang..... 657