

## TABLE OF CONTENTS

Volume 1 Number 1

June 2009

<b>Fractional Sampling Improves Performance of UMTS Code Acquisition</b> F. BENEDETTO, G. GIUNTA.....	1
<b>Embedded Control of LCL Resonant Converter Analysis, Design, Simulation and Experimental Results</b> S. SELVAPERUMAL, C. C. A. RAJAN.....	7
<b>An Identified Study on the Active Network of a Thermoacoustic Regenerator</b> G. Z. DING, F. WU, G. ZHOU, X. Q. ZHANG, J. Y. YU.....	16
<b>Skyhook Surface Sliding Mode Control on Semi-Active Vehicle Suspension System for Ride Comfort Enhancement</b> Y. CHEN.....	23
<b>The Effect of Price Discount on Time-Cost Trade-off Problem Using Genetic Algorithm</b> H. MOKHTARI, A. AGHAIE.....	33
<b>Microstrip Antennas Loaded with Shorting Post</b> P. KUMAR, G. SINGH.....	41
<b>A Novel Solution Based on Differential Evolution for Short-Term Combined Economic Emission Hydrothermal Scheduling</b> C. F. SUN, S. F. LU.....	46