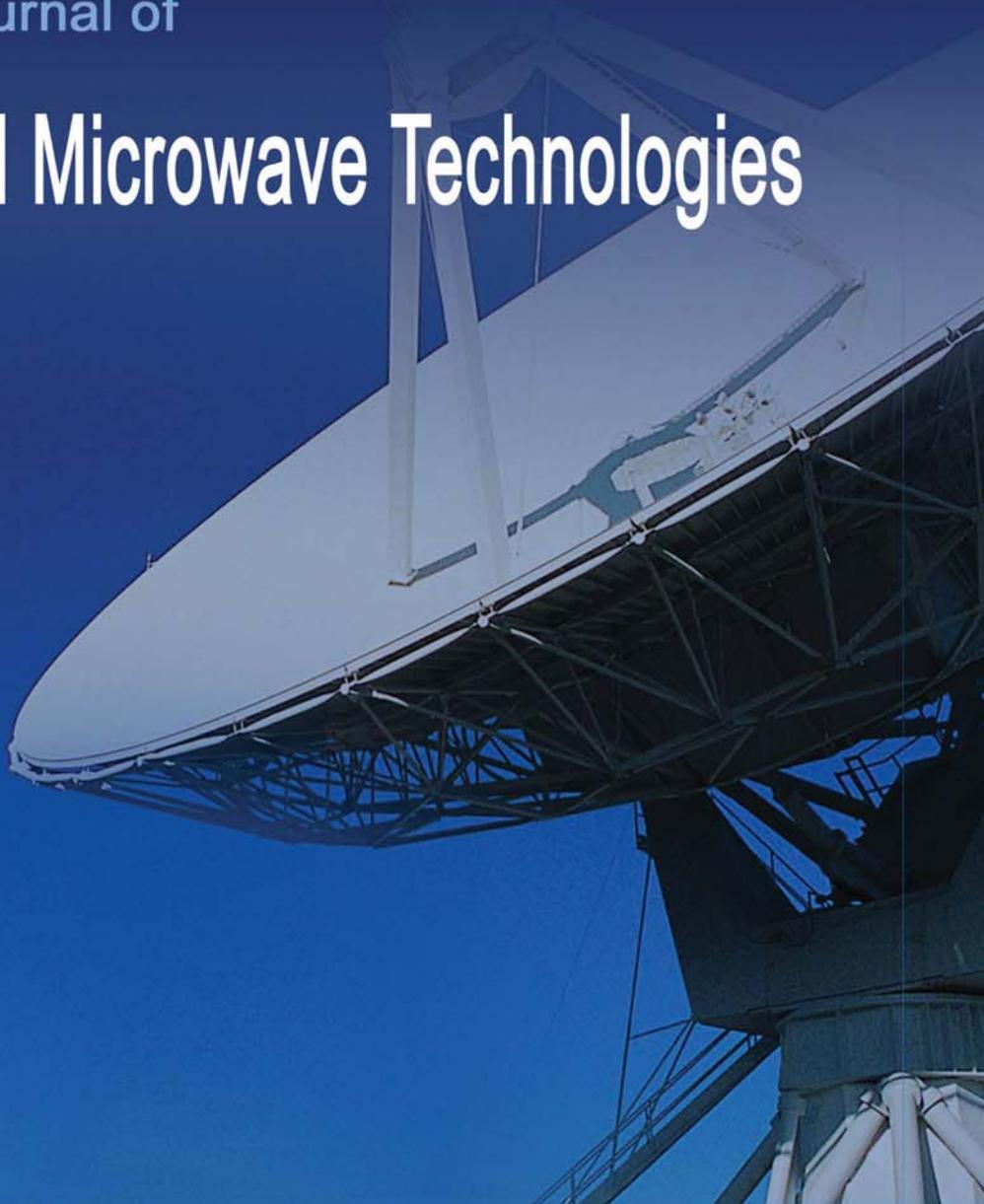


ISSN Print: 2076-1449,ISSN Online: 2076-9539

International Journal of

# Wireless and Microwave Technologies



**IJWMT** Vol. 2

<http://www.mecs-press.org/>

Vol.2 No.6 December 2012

## International Journal of Wireless and Microwave Technologies (IJWMT)

Volume 2, Number 6, December 2012

### Contents

---

Design and Simulation Implementation of an Improved PPM Approach	1
<i>Guo Fan, Feng Bo, Yu Min</i>	
A New Solution of Multicast Packets Management for Managed Ethernet Switch	10
<i>Sheng LU</i>	
Software Defect Detection-oriented Static Analysis Techniques	17
<i>Hua ZHANG</i>	
Study on System Architecture Design of University Students Quality Evaluation	23
<i>He Yongqiang, Wang Jiabin</i>	
TCP/IP Jumbo Frames Network Performance Evaluation on A Test-bed Infrastructure	29
<i>Shaneel Narayan, Paula Raymond Lutui</i>	
Evaluation of Performance for Wireless Sensor Networks Based on Gray Theory	37
<i>JING Jun li, YANG Jie</i>	
Wireless Multi-hop Network Scenario Emulation with MinGenMax Error Based on Interval	45
Equivalent Character of Wireless Communication	
<i>Huizhou Zhao</i>	
A Wireless Solution to Collecting and Displaying Oil Temperature Data Based on Zigbee Network	52
<i>Cui Jingcong, Chen Lidong, Li Xunming, Huang Chunhai</i>	
A Source-Based Multicast Scheme in IEEE 802.16 Mesh Mode	58
<i>Mortaza Maleki, Saleh Yousefi, Ali Azarpeyvand</i>	
An Epistemic Model Checking Approach to Web Service Compositions	66
<i>Xiangyu Luo, Kun Wang, Fengchai Wang</i>	

---