

# INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING

---

June 2013

Volume 20, No. 3

## CONTENTS

- Far-End Crosstalk Improvement of Coupled Microstrip Lines by Using Step-Guard-Trace ..  
..... Ding-Bing Lin, Yung-Hsien Ho and Jui-Hung Chou ..... 85
- Implementation of Synchronization Architecture in BAN for Health-Care Systems.....  
..... Kuang-Hao Lin, Jan-Dong Tseng, Wei-Hao Chiu, Hou-Ming Chen and Jun-Hong Weng. 91
- An Edge Reconstruction Strategy for Error Concealment of Lost Macroblocks in H.264 .....  
..... Chiung-Ting Wang, Ricky Christanto and Shaou-Gang Miaou ..... 99
- Planar Compact Omnidirectional Tag Antenna with Circular Polarization for UHF RFID  
System.....Jui-Han Lu and Bo-Shen Chang ..... 107
- Modified DFT-Based Channel Estimation for TDS-OFDM Communication Systems.....  
.....I-Cheng Liu, Shih-Chun Yang and Jung-Shan Lin .....115
- MMSE Space-Time SS and DS Fractionally-Spaced Decision-Feedback Multiuser Detection  
and Interference Cancellation for SDMA Systems Over Fading Channels.....  
.....Sheng-Chou Lin and Chi-Wei Wu ..... 123
- EM Fields inside a Rotating Circular Dielectric Cylinder in 2Ds .....  
.....Mingtsu Ho, Pee-Wei Chen and Fu-Shun Lai ..... 133