

# INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING

---

February 2015

Volume 22, No. 1

## CONTENTS

The Approximate ASEP of the Mobile-Relay-Based M2M System .....	
..... Lingwei Xu, Hao Zhang, Tingting Lu, Xing Liu and T. Aaron Gulliver .....	1
Pulse Doubling in AC-DC Converter Based on Zigzag Auto-connected Transformer for .....	
Harmonic Mitigation..... Xiao-Qiang Chen, Hao Qiu, Chun-Ling Hao and Min Li .....	9
High Accuracy MIR Lens Back Focal Length Measurement System .....	
.....Der-Chin Chen, Yi-Ting Cheng and Siak-Lim Lee .....	21
Reliability Improvement of a Dual-PMSM Speed Control System.....	
.....Shao-Kai Tseng, Tian-Hua Liu, Jing-Wei Hsu, Luiz R. Ramelan and Eka Firmansyah .....	27