

Table of Contents

Industrial Wireless Sensor Networks (ISWN): Requirements and Solutions <i>Abdullah Al-Yami, Wajih Abu-Al-Saud, Kamal Harb, and Baqer Al-Ramadan</i>	1
The Design of Sparse and Non-sparse FIR Filters Using Linear Complementarity Problem Approach <i>Muhammad Muzammal Naseer, Kamal Harb, and Ahmad Nuseirat</i>	7
Measurements of UWB Propagation and Transmission for Wireless Links in Spacecrafts <i>Miyuki Hirose and Takehiko Kobayashi</i>	12
Mode Selection Algorithm for Advanced TOA Trilateration Techniques <i>Sajina Pradhan and Suk-seung Hwang</i>	18
Playback Data Analysis Utility for a LEO Satellite <i>Dongseok Chae</i>	23
Preliminary Design of S-AIS Payload for KOMPSAT-6 <i>Yong-Min Lee, Jin-Ho Jo, and Byoung-Sun Lee</i>	27
Performance Analysis of Operational Ka-band Link with Kepler <i>Timothy Pham and Jason Liao</i>	30
Simulation of SAR Jammer Techniques and Hardware Implementation for Point Scatterer Modelling <i>Emrah Ener</i>	36
Fast and Efficient Satellite Imagery Fusion Using DT-CWT and WZP <i>Yonghyun Kim, Jaehong Oh, and Yongil Kim</i>	42