

Journal of Communications

CONTENTS

Volume 19, Number 1, 2024

- Joint Time Delay and Frequency Estimation Based on Deep Learning 1
*Mahmoud M. Qasaymeh * and Ahmad Falah Aljaafreh*
- Impact of Mobility Model on LoRaWan Performance 7
Abdelouahab Nouar, Mounir Tahar Abbes, Selma Boumerdassi, and Mostefa Chaib*
- A Semantic-Based Middleware for Supporting Heterogeneity and Context-Awareness Within IoT Applications. 19
Mohammed Lamnaour, Mounir Raiss, Yasser Mesmoudi, Yasser El Khamlichi, Abderrahim Tahiri, and Abdellah Touhafi*
- A Wide Band Antenna for both S-Band and C-Band Satellite Communication Applications..... 28
D. Nataraj, K. Chitambara Rao, K. S. Chakradhar, G. Vinutna Ujwala, B. Sadasiva Rao, and Y. S. V. Raman*
- Efficient and Accurate Indoor Positioning System: A Hybrid Approach Integrating PCA, WKNN, and Linear Regression 37
*Thi Hang Duong, Anh Vu Trinh, and Manh Kha Hoang**
- GFDM-OQAM Performance Analysis Using Linear Equalization for Audio Transmission 44
*Anggun Fitriani Isnawati *, Mas Aly Afandi, Khoirun Ni'amah, and Heru Adi Prasetyo*