## **CONTENTS**

01	Phan Van Hai, Nguyen Quoc Cuong Selection of relay nodes in Bluetooth Mesh network for smart home application.	01 – 11
02	<b>Nguyen Van Vinh, Doan Thanh Hai, Pham Ngoc Thang, Nguyen Quoc Binh</b> Reducing the effect of the nonlinear distortion in 16-APSK OFDM system by pilot-based automatic phase shift.	12 – 19
03	<b>Nguyen Ngoc Binh, Pham Minh Nghia, Phan Huy Anh, Pham Hoang Hung</b> Enhance micro-Doppler signatures-based human activity classification accuracy of FMCW radar using the threshold method.	20 – 28
04	<b>Le Minh Ngoc, Nguyen Thi Thuy, Dinh Van Quang, Dinh Van Dai, Bui Van Tan</b> Improving the diagnostic performance of the neural network for COVID-19VN via weight assignment to pathological symptoms.	29 – 37
05	<b>Do Dinh Trung, Chu Minh Tien</b> Research on service life prediction and decorative properties of acrylic paint in Vietnam's marine atmosphere by acceleration test.	38 – 46
06	Nguyen Thi Lan Anh, Bui Phuong Thi, Do Thi Nhat Quyen, Vu Quynh Thu, Nguyen Thu Huong, Khuat Hoang Binh, Khong Manh Hung, Nguyen Chi Thanh, Ta Thi Thao  Machine learning approaches for simultaneous spectrophotometric determination of heavy metal ions in water samples.	
07	Bui Anh Thuc, Vu Minh Thanh, Pham Kim Dao, Nguyen Duc Long, Cao Hai Thuong  N-Guanylurea dinitramide: Optimal synthesis process, basic properties and spectroscopic data.	
08	<b>Do Thi Thuy, Nguyen Tuan Dung, Ngo Tien Quyet</b> Synthesize electrode material based on rGO/Polyacrylic acid prepared by a combination of direct ink writing technique and UV irradiation.	64 – 71
09	<b>Le Ngoc Thiem</b> Parameters of ISO 4037 wide spectrum X-ray reference field.	72 – 75
10	<b>Nguyen Duc Hanh, Nguyen Trong The</b> A method combining multiple perspectives to enhance accuracy in facial recognition problems.	76 – 84
11	Nguyen Thi Hien, Bui Thi Thoa, Luong Nguyen Hoang Hoa A study on deep learning for Vietnamese text classification.	85 – 94
12	Dao Manh Anh Tuan, Luc Khanh Toan, Ta Dinh Xuan An investigation of force and pressure analysis during the process of equal channel angular pressing to M1 copper using finite element and upper-bound methods.	95 – 106