



THE RADIO ELECTRONICS  
ASSOCIATION OF VIETNAM



# REV JOURNAL ON ELECTRONICS AND COMMUNICATIONS

<http://www.rev-jec.org>

Vol. 14, No. 2, April–June, 2024

## TABLE OF CONTENTS

### REGULAR ARTICLES

Investigate Discriminative AutoEncoder in Few-shot Learning-based Anomaly Detection.....	
..... <i>Van Loi Cao</i>	1
Performance Evaluation of a Decentralized Learning Architecture for PCB Defect Classification .	
..... <i>Thi-Nga Dao, Chi Hieu Ta</i>	10
Enhancing Feature Selection in MCI Diagnosis using FDG-PET Images: Leveraging Multiple Simple Autoencoder Architectures.....	
..... <i>Pham Minh Tuan, Mouloud Adel, Nguyen Linh Trung, Eric Guedj</i>	19

### REV-ECIT SPECIAL SESSION

Underwater Acoustic Target Classification Using Convolutional Neural Network Combined with Continuous Wavelet Transform .....	<i>Sang Van Doan, Anh Tu Nguyen Ngoc</i>	28
Performance Evaluation of OpenStack Cloud Integrated with SDN Controller.....	<i>Hoang Thanh Loi, Pham Dinh Quy, Nguyen Nang Duc, Dinh Thi Thai Mai</i>	36
Decoder-ROI based Versatile Video Coding for Multi-Object Tracking Vision Task.....	<i>Huong Bui Thanh, Minh Do Ngoc, Xiem Hoang Van</i>	46