

CONTENT

	Page
1. Enhancing Accuracy in Classification Models for Skin Disease Diagnosis Based on Segformer and ConvNeXt Approach.....	1
Hai-Duong Le², Van-Dung Hoang^{1*}	
<i>¹Ho Chi Minh City University of Technology and Education, Vietnam</i>	
<i>²MTI Technology Co., Ltd., Vietnam</i>	
2. A Malware Family Classification Approach Based on Deep Sequence Modeling.....	8
Xuan Sam Nguyen^{1*}, Han Nguyen²	
<i>¹Ho Chi Minh City University of Technology and Education, Vietnam</i>	
<i>²University of South Florida, United States of America</i>	
3. Sentiment Prediction Based on Deep Learning for Intelligent E-Learning Systems.....	16
Anh-Tu Phuong Nguyen, Duc-Khai Duong, Van-Dung Hoang*	
<i>Ho Chi Minh City University of Technology and Education, Vietnam</i>	
4. Enhancing Workplace Safety: Personal Protective Equipment Detection.....	26
Vo Thanh Xuan Le¹, Khac-Chien Nguyen^{2*}	
<i>¹Ho Chi Minh City University of Technology, Vietnam</i>	
<i>²People's Police University, Vietnam</i>	
5. Early Exit Based on Deep Learning Model for Polyp Colonoscopy Image Classification.....	40
Hoang Long Nguyen*, Minh-Vu Phan, The-Anh Pham	
<i>Hong Duc University, Vietnam</i>	
6. A Stereo Vision-Based Method for Reconstructing 3-D Hand Motion in Real-Time	48
Trong-Pham Nguyen-Huu¹, Ngoc-Bich Le¹, Ngoc-Viet Tran¹, Tien-Tuan Dao², Tan-Nhu Nguyen^{1*}	
<i>¹International University, Vietnam National University – Ho Chi Minh City, Vietnam.</i>	
<i>²Univ. Lille, CNRS, Centrale Lille, (LaMcube) UMR 9013, Lille, F-59000, France.</i>	
7. Embedded and IoT Devices Firmware Security.....	58
Cong Doan Dinh	
<i>Ho Chi Minh City University of Technology and Education, Vietnam</i>	
8. Deep Learning-Based Enhanced Cluster Head Selection for Underwater Wireless Sensor Networks.....	68
The Phan Thi^{1*}, Thi Trang Le², Thanh Son Nguyen¹	
<i>¹Ho Chi Minh City University of Technology and Education, Vietnam</i>	
<i>²Dong Nai Technology University, Vietnam</i>	
9. Efficiency Evaluation of C-Tree and KD-Tree in Content-Based Image Retrieval.....	78
Thi Dinh Nguyen¹, Thanh Manh Le², Thi Uyen Nhi Nguyen^{3*}	
<i>¹Ho Chi Minh City University of Industry and Trade, Vietnam</i>	
<i>²University of Sciences, Hue University, Vietnam</i>	
<i>³University of Economics, The University of Da Nang, Vietnam</i>	
10. An Application of Physical Layer Security to Protect NOMA-Backscatter Communication.....	88
Truc Thanh Tran^{1*}, Diem-Phuc Tran²	
<i>¹Greenwich Vietnam, FPT University, Vietnam</i>	
<i>²Duy Tan University, Vietnam</i>	

11. Application of Optimization Algorithms in Reliable Pathfinding Models for Smart Cities.....	100
Lap Duy Le^{1*}, Van Long Nguyen¹, Thanh Tuan Vu²	
<i>¹Ho Chi Minh City University of Technology and Education, Vietnam</i>	
<i>²FPT Software Company Limited, Vietnam</i>	
12. Deep Transform Ensemble Model for Sentiment Analysis.....	111
Quang Khai Tran, Huyen Trang Phan*	
<i>Ho Chi Minh City University of Technology and Education, Vietnam</i>	