

## MỤC LỤC

No.	Authors	Article's name	Pages
1	Nguyen Quang Thanh, Nguyen Ngoc Chien, Huynh Cao Tuan, Phan Thi Huong	Automated orange quality classification using convolutional neural networks: A deep learning approach for smart agriculture	1-6
2	Ha Hoang Phuc, Nguyen Tam Manh, Truong Hoang Man, Pham Hoang Phuong, Vo Thi Anh Nhi, Nguyen Le Van Thanh, Cao Thai Phuong Thanh	Feasibility and performance study of LLMS on mobile devices for supporting C++ programming learning	7-12
3	Le Trung Hau, Nguyen Hoang Khoi, Duong Thanh Linh	Improving accuracy in facial emotion recognition through PCA and Artificial Neural Networks	13-18
4	Pham Kim Don, Duong Thanh Linh	Application of MediaPipe and SVM in sign language recognition to support the hearing impaired	19-24
5	Nguyen Minh Duc, Tran Nguyen Ngoc Minh Thieu, Le Quoc Dung, Tao Huu Dat, Phan Nguyet Minh	Applying clustering methods to classify customers based on shopping behaviour	25-32
6	Pham Thanh Tai, Thai Hoang Tan, Le Huong Thanh, Nguyen Thanh Thao, Cao Minh Thanh, Nguyen Le Van Thanh	Applying machine learning and computer vision for Planogram compliance evaluation in retail environments	33-39
7	Nguyen Hoa Nhat Quang, Vo Khuong Linh, Khau Van Bich	Research and development of a method to select the segmentation algorithm for the problem of detecting irregularities in time series data	40-46
8	Vo Thi Ngoc Ha, Nguyen Thanh Son, Dang Dang Khoa, Le Phuong Long, Phan Thi Thu Ngan	Imbalanced data classification using random forest with Ward clustering	47-51
9	Le Ngoc Tran, Dang Thi Trieu Vy, Duong Thanh Linh	Artificial Intelligence: A catalyst for sustainable education and enhanced learning quality	52-57

## MỤC LỤC

No.	Authors	Article's name	Pages
10	Le Quoc Bao, Dang Dang Khoa, Nguyen Hoang Dung	A bibliometric study for mapping the Metaverse of Global research patterns and Country level differences	58-63
11	Truong Van Tuan, Khau Van Bich, Tran Huu Duat	Application of physics-informed neural networks in simulating heat transfer and mass diffusion	64-70
12	Nguyen Quang Thanh, Nguyen Van Thanh, Nguyen Minh Son	Automated detection of concrete spalling in post- earthquake structures using deep learning	71-80