CONTENTS

1.	Two-Layers DDoS Attack Detection Model Using Machine Learning in Software Defined Networking	1
	Nguyen Ngoc Tuan*, Nguyen Huu Thanh	
	Hanoi University of Science and Technology, Ha Noi, Vietnam	
2.	Building and Implementation of a Big Data Mining Model for Businesses	9
	Do Tran-Truong, Nguyen Xuan Dung, Phuong Xuan Quang, Vinh Tran-Quang* Hanoi University of Science and Technology, Ha Noi, Vietnam	
3.	An Automated Deep Learning-Based Software for Total Lung Volume Calculation and Lung 3D Model Reconstruction	18
	Tran Anh Vu*, Phung Van Kien, Nguyen Ngoc Tram, Hoang Quang Huy Hanoi University of Science and Technology, Ha Noi, Vietnam	
4.	Discrete-Time Backstepping Sliding Mode Control for a 2-DOF PAM-Based Exoskeleton	26
	Van - $Vuong\ Dinh^{l,2}$, Van - $Long\ Nguyen^l$, Kim - $Chien\ Hoang^l$, $Minh$ - $Duc\ Duong^l$, Ouy - $Thinh\ Dao^{l*}$	
	¹ Hanoi University of Science and Technology, Ha Noi, Vietnam	
	² Hanoi College of High Technology, Ha Noi, Vietnam	
5.	Flooding Prevention in High Voltage Substations Using IoT Based System	35
	Pham Ngoc Luat*, Tran Tan Phat Power Transmission Company No. 4, Ho Chi Minh City, Vietnam	
6.	Z-Scanning of Multiple-Pulse Laser Ablation of Copper Study for Application in Roll-Printed Electronics	43
	Cao Xuan Binh, Vu Tien Dung, Vu Toan Thang, Nguyen Thi Kim Cuc* Ha Noi University of Science and Technology, Ha Noi, Vietnam	
7.	Motion Simulation of Autonomous Guided Vehicles	50
	Ho Huu Hai*, Lai Cong Su Hanoi University of Science and Technology, Ha Noi, Vietnam	
8.	Adaptive Asymmetric Time-Varying Integral Barrier Lyapunov Control-Based Trajectory Tracking of Autonomous Vehicles	58
	Nhu Toan Nguyen, Duc Thinh Le, Manh Cuong Nguyen, Danh Huy Nguyen, Tung Lam Nguyen*	
	Hanoi University of Science and Technology, Ha Noi, Vietnam	