

Section on
Computer Science and Control Engineering

Editorial Head

Do Viet Binh Institute of Information Technology, *AMST*.

Topical Editors

Nguyen Thanh Thuy University of Engineering and Technology, *VNU*;
Pham The Long Le Quy Don Technical University;
Nguyen Long Giang Institute of Information Technology, *VAST*;
Nguyen Chi Thanh Institute of Information Technology, *AMST*;
Nguyen Doan Cuong Institute of Information Technology, *AMST*;
Nguyen Duc Dung Institute of Information Technology, *VAST*;
Ngo Thanh Long Faculty of Information Technology, *LQDTU*;
Nguyen Quang Vinh Institute of Missile, *AMST*;
Tran Ngoc Binh Institute of Military Automation Engineering, *AMST*;
Nguyen Ngoc Hoa University of Engineering and Technology, *VNU*;
Ta Minh Thanh Faculty of Information Technology, *LQDTU*;
Nguyen Quang Hung Institute of Military Automation Engineering, *AMST*;
Tran Duc Thuan Academy of Military Science and Technology;
Nguyen Hieu Minh Institute of Cryptography Science and Technology;
Thai Trung Kien Institute of Information Technology, *AMST*;
Pham Van Nha Institute of Information Technology, *AMST*;
Tran Trung Kien Institute of Information Technology, *AMST*;
Nguyen Long Department of Information Technology, *NDA*.

Secretarial Staff

Phung Nhu Hai Institute of Information Technology, *AMST*;
Doan Van Hoa Institute of Information Technology, *AMST*;
Ngo Duy Do Institute of Information Technology, *AMST*;

Contact Information

Email: csce@jmst.info
Phone: 0343706971

TABLE OF CONTENTS

01	Le Thi Thu Hong, Nguyen Chi Thanh, Nguyen Duc Hanh, Trinh Tien Luong, Pham Duy Thai, Ngo Van Quan Colonoscopy image classification using self-supervised visual feature learning.	3 - 13
02	Dinh Van Ngoc, Bui Ngoc My, Trinh Quang Kien Improving the robustness of binarized neural network using the EFAT method.	14 - 23
03	Nguyen Trong Khuyen, Vu Hai Ha, Ho Si Duong, Cao Duc Sang Researching and building a method for testing and adjusting the strapdown inertial navigation system.	24 - 31
04	Dao Xuan Uoc, Do Ngoc Tuan, Nguyen Xuan Bac, Le Viet Hoang, Nguyen Duc Anh Researching, building the routing algorithm in Zigbee networks.	32 - 41
05	Hoa Tat Thang, Doan Van Hoa, Do Ngoc Tuan Computer control in human-machine interaction systems by hand movements.	42 - 48
06	Trieu Quang Phong, Tran Duy Lai Constructing efficient and secure batch signature schemes.	49 - 60
07	Nguyen Vinh Thai, Doan Thi Bich Ngoc, Luu Hong Dung An encryption - authentication algorithms developed from the elgamal cryptosystem.	61 - 70
08	Dang Quoc Huu, Nguyen The Loc, Nguyen Doan Cuong The R-PSO algorithm solving multi-skill resource-constrained project scheduling problem.	71 - 82
09	Hoang The Khanh, Nguyen Viet Hoai Nam, Hoang Viet Trung, Le Tuan Anh1, Le Hoang Minh Research on the weapon target assignment problem in the combined air defense missile system for training simulation.	83 - 92
10	Nguyen Thanh Trung, Dang Hoang Minh, Chu Minh Duc, Pham Ha Hai, Nguyen Chi Thanh An assessment of attenuation correction of spect MPI images generated by deep learning model.	93 - 101
11	Phung Nhu Hai, Kubo Masao Efficient collective search by BRT algorithm using fast rising threshold agent.	102 - 108