

## CONTENTS

		Page
Nguyen Dinh Phu Tran Thanh Tung	Existence of solutions of fuzzy control differential equations	5
Dinh Thi Mong Cam Nguyen Huu Chi Le Khac Binh Tran Tuan Nguyen Thi Hai Yen Tran Quang Trung	Synthesis of CrN hard coatings by sputter ion plating	13
Ngo Quang Huy Do Quang Binh Vo Xuan An	Investigating the impact of detector parameters on the efficiency of the hpge detector using the MCNP4C2 code	21
Chau Van Tao Trinh Hoa Lang	DFT caculations of the electron – positron energy correlation in metal Cu (FCC)	27
Truong Thi Hong Loan Mai Van Nhon Dang Nguyen Phuong Tran Ai Khanh Tran Thien Thanh	Monte Carlo simulation of peak efficiency curves of the superpure hpge detector in environmental sgamma spectrometry using MCNP4C2 code	33
Le Thi Phu Nguyen Thi Cam Vi	Determining molecular mass and kinetic parameters of Vietnam yellow soybean urease	41
Ho Dac Loc Huynh Chau Duy Tran Anh Vu	Remote check and statistic electrical energy	51
Le Van Trung	Effects of training data on the classification of remotely sensed images	57
Le Van Nam Nguyen Ngoc Long	Analysing the free vibration of the concrete filled steel tube arch bridge with tie rod and roadway located under arch rib	63