CONTENTS

ISSN 1859-1531 - The University of Danang - Journal of Science and Technology, Vol. 22, No. 6B, 2024

NATURAL SCIENCES

A comparative study of deep learning techniques in software fault prediction	
Ha Thi Minh Phuong, Dang Thi Kim Ngan, Nguyen Thanh Binh	1
A DFT study on substituent effects on iron corrosion inhibition capability of indole derivatives Dinh Quy Huong	6
A hybrid genetic algorithm for the steiner tree problem in graphs towards optimizations for wireless sensor networks	
Tang Phu Quy Le, Bao Nhan Ho Sy, Tan Phu Quoc Hoang, Cong Phap Huynh, Dai Tho Dang	14
An optimal algorithm for minimax problems with smooth components Pham Quy Muoi, Chau Vinh Khanh	19
Identification of potential inhibitors of human aldose reductase from natural compounds of Vietnamese medicinal plants using in silico approaches Thanh Hoa Tran, Thanh Ngo Huu Phan, Ngoc Thi Nhu Hoang, Trinh Pham Thi Doan	27
Optimizing traffic management in Danang: a comparative study of multi-object tracking techniques for real-time vehicle flow monitoring Hai T. Ton, Hung V. Nguyen, Hanh T. M. Tran, Tien V. Thai, Phong-Phu Le, Tung T. Huynh, Duy-Tuan Dao	32
SOCIAL SCIENCES	
An investigation into factors affecting students' English reading motivation Huynh Ngoc Mai Kha, Nguyen Thi Hong Nhung	40
Applying CIPP model to evaluate the implementation of an international internship in a Vietnamese university Vo Thi Kim Anh	45
Does accounting reporting complexity distress debt ratings? Nguyen Manh Toan, Dang Huu Man, Nguyen Thi Thieu Quang	50
Exploring the impact of gratifications (hedonic, utilitarian, symbolic and social benefits) on the behavioral intention of voice assistants' users Pham Thi Be Loan, Le Kha Tuyet Phuong, Nguyen Thi Hong Ngoc, Phan Thu Ngan, Tran Kim Bao Phuc	55
Factors influencing Vietnamese students' decision to study in South Korea Pham Quang Tin, Le Thi Phuong Loan, Vo Thi Giang	66
Hospitality food waste management: evidence from luxury hotels in Vietnam Tran Nien Tuan, Tran Ho Thuong Thuong, Tran Thi Khanh Ly	76
Language and culture: the contrastive analysis in the Vietnamese and English idioms of colours Bui Thi Nhi	86
University English majors' perceptions of using collaborative brainstorming to facilitate their argumentative essay writing	
Nguyen Thi Dieu Huyen, Phan Thi Lam	92
HUMAN SCIENCES	
Empathy for animals: ecological ethics in Vietnamese contemporary prose Tran Thi Anh Nguyet, Bui Bich Hanh	97