

CONTENT

	Page
1. A Study on LPG-Injection-Based Speed Regulator for Dual Fuel Diesel Engine 1 Vo Tan Chau^{1*}, Tran Dang Long², Nguyen Quoc Sy¹, Cao Quang Khai¹, Nguyen Thanh Nhan¹, Le Vu Minh Hao¹ <i>¹Industrial University of Ho Chi Minh City (IUH), Vietnam</i> <i>²Ho Chi Minh City University of Technology-Vietnam National University Ho Chi Minh City, Vietnam</i>	1
2. Study on Predicting the Gasification Process of Acacia Wood on a Downdraft Gasifier: Using the Non-stoichiometric Equilibrium Model..... 10 Thanh-Luan Nguyen^{1*}, An-Quoc Hoang¹, Hung-Duong Hoang² <i>¹Ho Chi Minh City University of Technology and Education, Vietnam</i> <i>²Danang University of Technology, Vietnam</i>	10
3. Dynamic Analysis and Isolation Effectiveness of a Low Stiffness Nonlinear Isolator.....19 Nguyen Minh Ky¹, Vo Ngoc Yen Phuong^{1,2}, Le Thanh Danh^{2*} <i>¹Ho Chi Minh City University of Technology and Education, Vietnam</i> <i>²Industrial University of Ho Chi Minh City, Vietnam</i>	19
4. Complete Convergence for M-Pairwise Negatively Dependent Random Variables..... 28 Vo Thi Van Anh <i>Ho Chi Minh City University of Technology and Education, Vietnam</i>	28
5. Dependence of Structural and Electrical Properties of Sputtered-Fe ₃ O ₄ Thin Films on Gas Flow Rate 34 Vo Doan Thanh Truong, Thi Truong An Le, Huu Nhut Nguyen , Hoang Trung Huynh, Thi Kim Hang Pham* <i>Ho Chi Minh City University of Technology and Education, Vietnam</i>	34
6. Effects of Growth Temperature on Morphological and Structural Properties of ZnO Films 39 Vo Doan Thanh Truong, Thi Thanh Truc Nguyen, Thanh Lan Vo, Hoang Trung Huynh, Thi Kim Hang Pham* <i>Ho Chi Minh City University of Technology and Education, Vietnam</i>	39
7. A Novel Least-Squares Level Set Method by Using Polygonal Elements 45 Ba-Dinh Nguyen-Tran¹, Son H. Nguyen², Duc-Huynh Phan^{3*} <i>¹Japan Technology and Engineering Co. Ltd, Vietnam</i> <i>²Ton Duc Thang University, Ho Chi Minh City, Vietnam</i> <i>³Ho Chi Minh City University of Technology and Education, Vietnam</i>	45
8. Asymmetric Buckling of the Annular Plate with an Internal Source of Heat..... 54 P. T. Hung <i>Ho Chi Minh City University of Technology and Education, Vietnam</i>	54
9. Applying Multiple Deep Models to Predict Plant Pests in Advanced Agriculture 63 Van -Vinh Nguyen¹, Van-Dung Hoang^{2*} <i>¹Information Technology Department, An Giang Province, Vietnam</i> <i>²Ho Chi Minh City University of Technology and Education, Vietnam</i>	63
10. Research on the Pleating Technique by Using Cardboard Pleat and Kraft Paper..... 73 Nguyen Thi Ha Nguyen*, Nguyen Thi Luyen, Nguyen Minh Nguyet, Tran Thi Truc Linh <i>Ho Chi Minh City University of Technology and Education, Vietnam</i>	73