

CONTENTS

		Page
Truong Tich Thien Cao Ba Hoang	Finite element analysis of elasto-plastic boundary for some structure problems	5
Nguyen Hong Ngan Luu Thanh Tung	Negative stiffness and application in reality	13
Vo Nhat Quang Huynh Quang Linh	CSTL - Program for simulation of X-ray tomography and image artifacts	21
Doan Thi Minh Trinh Vu Hong Thuy Luu Quang Binh	Application of cad/cae method for optimizing runners diameter of 16 – pen cup cavity mold	29
Nguyen Danh Son	Selection of digging machines according to using conditions	37
Nguyen Van Giang Chu Quoc Thang	The effect of reinforced concrete braces on the earthquake resistance ability of base isolation systems	43
Nguyen Cong Chi Nguyen Thi Hien Luong	Plane frame analysis by modified discrete element method using displacement model	53
Van Huu Hue Le Van Pha	Developing a new relation to calculate the length of sheet pile for protecting the way to the bridges or settlements in hcm and mekong delta	65
Pham Thanh Quan Tong Van Hang Nguyen Hai Ha Nguyen Xuan De Truong Ngoc Tuyen	Microwave-assisted extraction of polyphenols from fresh tea shoot	69