

MỤC LỤC

- 1** **Cong Dong Trinh, Tra My Do Le, Thu Ha Do, Nhat Minh Bui, Thanh Huong Nguyen, Quang Uoc Ngo, Phuong Thuy Ngo, Dang Thanh Bui**
Improving YOLOv8 Deep leaning model in rice disease detection by using Wise - IoU loss function
- 7** **Thi Lan Tran, Thi Xuan Dang, Quang Khai Trinh, Van Lam Phi**
An improvement of the miniaturized microstrip patch antenna based on coupled microstrips for on-body sensors
- 12** **Minh-Quan Nguyen, Khuong-Duy Le, Quang-Huy Nguyen, Duy-Dinh Nguyen**
Investigate model and reduction technique of common-mode noise for LLC resonant converter
- 19** **Tong Van Luyen**
Performance analysis of null-steering beamformers with phase-only and ampli-tude-only control via bat algorithm
- 26** **Quoc-Hoan Tran, Huu-Cong Vu, Huu-Nhan Nguyen**
Multimode space-vector overmodulation technique for enhancing voltage transfer ratio in matrix converters
- 33** **Bao Doan Thanh**
Building of short circuit ampere - second characteristics for a series of amorphous core transformers
- 39** **Nguyen Thi Hoai Thu, Phan Quoc Bao**
Empirical mode decomposition-based OS-ELM for short-term solar irradiance forecasting: A case study in Hanoi
- 47** **Nguyen Thi Hoai Thu, Pham Nang Van**
An MIQP model for microgrid unit commitment incorporating grid-connected/islanded operating modes and power network
- 58** **Thi-Van-Anh Nguyen, Thanh-Long Nguyen, Manh-Linh Nguyen**
Tối ưu hóa tham số bộ điều khiển trượt cho robot song song phẳng
- 66** **Nguyễn Đức Hạnh, Nguyễn Văn Hùng, Phùng Văn Thái, Trương Văn Quảng, Tống Thị Lý, Trịnh Trọng Cường**
Nghiên cứu dự báo tốc độ gió khu vực Quảng Trị sử dụng mạng nơ-ron nhân tạo NARX
- 78** **Ngô Trí Nam Cường**
Điều khiển thích nghi bền vững cho một lớp phi tuyến affine bất định

CONTENTS

- 1** **Cong Dong Trinh, Tra My Do Le, Thu Ha Do, Nhat Minh Bui, Thanh Huong Nguyen, Quang Uoc Ngo, Phuong Thuy Ngo, Dang Thanh Bui**
Improving YOLOv8 Deep learning model in rice disease detection by using Wise - IoU loss function
- 7** **Thi Lan Tran, Thi Xuan Dang, Quang Khai Trinh, Van Lam Phi**
An improvement of the miniaturized microstrip patch antenna based on coupled microstrips for on-body sensors
- 12** **Minh-Quan Nguyen, Khuong-Duy Le, Quang-Huy Nguyen, Duy-Dinh Nguyen**
Investigate model and reduction technique of common-mode noise for LLC resonant converter
- 19** **Tong Van Luyen**
Performance analysis of null-steering beamformers with phase-only and amplitude-only control via bat algorithm
- 26** **Quoc-Hoan Tran, Huu-Cong Vu, Huu-Nhan Nguyen**
Multimode space-vector overmodulation technique for enhancing voltage transfer ratio in matrix converters
- 33** **Bao Doan Thanh**
Building of short circuit ampere - second characteristics for a series of amorphous core transformers
- 39** **Nguyen Thi Hoai Thu, Phan Quoc Bao**
Empirical mode decomposition-based OS-ELM for short-term solar irradiance forecasting: A case study in Hanoi
- 47** **Nguyen Thi Hoai Thu, Pham Nang Van**
An MIQP model for microgrid unit commitment incorporating grid-connected/islanded operating modes and power network
- 58** **Thi-Van-Anh Nguyen, Thanh-Long Nguyen, Manh-Linh Nguyen**
Tối ưu hóa tham số bộ điều khiển trượt cho robot song song phẳng
- 66** **Nguyen Duc Hanh, Nguyen Van Hung, Phung Van Thai, Truong Van Quang, Tong Thi Ly, Trinh Trong Chuong**
Study on wind energy forecasting of Quang Tri region using artificial neural networks NARX
- 78** **Ngô Trí Nam Cường**
Robust adaptive control for a class of uncertain affine nonlinear systems