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VIETNAM GENERAL CONFEDERATION OF LABOUR

**TON DUC THANG UNIVERSITY**

**FACULTY OF ELECTRICAL ELECTRONICS ENGINEERING**



**PHAM VAN C**

**A SAMPLE FOR THESIS PRESENTATION**

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**AUTOMATION AND CONTROL ENGINEERING**

**HO CHI MINH CITY, YEAR 2021**

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**A SAMPLE OF THESIS PRESENTATION**

**ABSTRACT**

(Time New Romans – 13)

**MẪU TRÌNH BÀY LUẬN VĂN THẠC SĨ**

**TÓM TẮT**

(Time New Romans – 13)

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# ABBREVIATIONS

BDT Broadband Digital Terminal

FFT Fast Fourier Transform

MIMO Multi-Input Multi-Output

SGS School of Graduate Studies

TDTU Ton Duc Thang University

# INTRODUCTION

## Motivation of research topic

## Target implementation

## Object and scope of the study

## Research methods

## Applications of the thesis

# OVERVIEW

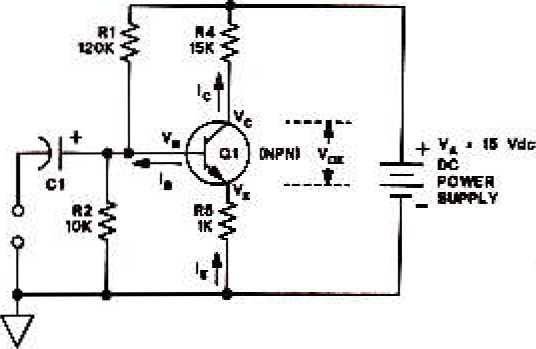
## Introduction

Among existing works, there are a few control algorithms that are deployed to the practical environment whereas the others are often implemented through computer simulations. It is more challenging to find out papers (Richards, 1997; Simon, Smith & West, 2009).

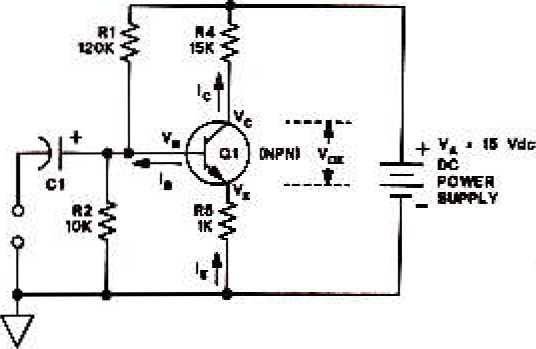
### *Subsection*

### *Footer*

### *Figures*



**Figure 2.1: General amplifier circuit E**



**Figure 2.2: Separate amplifier circuit E**

## General principles

### *List of Tables*

### *2.2.1.1 Example of Table 1*

Table 2.1: The parameters of the proposed model

|  |  |  |  |
| --- | --- | --- | --- |
| **Layer** | **Kernel/Size** | **Output** | **Stride** |
| Input | --- | 300×40×3 | --- |
| CNN | 3×3 | 298×38×128 | 1×1 |
| Max-Pool | 2×4 | 149×9×128 | 2×4 |
| DCNN1 | 3×3 | 149×9×256 | --- |
| DCNN2 | 3×3 | 149×9×256 | --- |

### *2.2.1.2 Example of Table 2*

Table 2.2: The comparison of accuracy on the Emo-DB dataset

|  |  |  |
| --- | --- | --- |
| **Model** | **Loss function** | **Accuracy** |
| ACRNN | Center | 0.83 ± 0.03 |
| Proposed | 0.86 ± 0.01 |

### *Spelling errors*

### *Number of chapters*

# THEORETICAL BASIS

## Theoretical basis 1

The static coefficient of the 3-D log Mel-spectrograms is obtained following six steps as below:

* Firstly, the Mel scale frequency analysis (Huang *et al.*, 2001) was computed as:



where  is the Mel scale converted from the frequency . The lowest and highest frequencies were converted to 401.25 Mels and 2,835.00 Mels, respectively.

* Secondly,
* Thirdly,

## Theoretical basis 2

# RESEARCH METHOD

## Simulation modeling

## Simulation results

# DATA ANALYSIS

## Comment 1

## Comment 2

# CONCLUSION

## Conclusion

## Thesis development

# LIST OF PUBLICATIONS

1. **Chieochan, S.**, Hossain, E., Diamond, J., (2010). *Channel assignment schemes for infrastructure-based 802.11 WLANs: a survey*. IEEE Communications Surveys Tutorials 12 (1), 124–136.

# REFERENCES

1. **Legal documents**
2. Hiến pháp 2013.
3. Luật Doanh nghiệp (Luật số 68/2014/QH13) ngày 26/12/2014.
4. **References**

**Vietnamese**

Bộ nông nghiệp & PTNT (1996). *Báo cáo tổng kết 5 năm (1992-1996) phát triển lúa lai*. Hà Nội, Việt Nam.

Hương, N. T. L., & Quân, T. T. (2017). Nhận thức của du khách về hình ảnh điểm đến du lịch Huế. *Tạp chí Khoa học Đại học Huế: Kinh tế và Phát triển, 126*(5D), 79–94.  
DOI: 10.26459/hueuni-jed.v126i5D.4555.

Mỹ, L. V. (2007). *Ngoại giao Cộng hòa Nhân dân Trung Hoa 30 năm cải cách mở cửa (1978-2008)*. Hà Nội, Việt Nam: Nxb Khoa học Xã hội.

**English**

Huang, X., Acero, A., & Hon, H.-W. (2001). Spoken Language Processing: A Guide to Theory, Algorithm & System Development. In *Prentice Hall PTR, USA*.

Simon, J., Smith, K., & West, T. (2009). *Price incentives and consumer payment behaviour*. Retrieved March 21, 2011, from the Reserve Bank of Australia website: http://www.rba.gov.au/ PublicationsAndResearch/RDP/RDP2009-04.html

Richards, K. C. (1997). Views on globalization. In H. L. Vivaldi (Ed.), *Australia in a global world* (pp. 29-43). Sydney, Australia: Century.

**APPENDIX**