### **Practical Deep Neural Networks**

**GPU computing perspective**Feedforwad Neural Networks

Yuhuang Hu Chu Kiong Loo

Advanced Robotic Lab Department of Artificial Intelligence Faculty of Computer Science & IT University of Malaya

Introduction

Multi Layer Perceptron

3 Auto-Encoders

Introduction

- 2 Multi Layer Perceptron
- Auto-Encoders

## Suggest Readings

Introduction

2 Multi Layer Perceptron

Auto-Encoders

#### Neuron

# Layer

#### **MLP Network**

#### Cost Function

## Backpropagation Algorithm

# Regularization

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- 2 Multi Layer Perceptron
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### Auto-Encoder

## Denosing Auto-Encoder

# Sparse Auto-Encoder

Q&A