

97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	圖形識別	Serial No. / ID	1181 / IFR5025
Dept.	資訊工程學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	張世旭	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	(一)567 / H713	Language	Chinese

Introduction

This course is to provide the students with a basic knowledge of pattern recognition. The students will realize the following concepts:

Bayesian Decision Theory, Maximum Likelihood, Nonparametric Techniques, Linear Discriminant Functions, and Multilayer Neural Networks.

Outline

- 1 : Introduction
- 2 : Bayesian Decision Theory
- 3 : Maximum Likelihood
- 4 : Nonparametric Techniques
- 5 : Linear Discriminant Functions
- 6 : Multilayer Neural Networks

Prerequisite

programming and fundamental mathematics