朝陽科技大學 096學年度第2學期教學大綱
Neural Networks and Its Applications 類神經網路

當期課號	7449	Course Number	7449
授課教師	陳榮昌	Instructor	CHEN,RONG CHUNG
中文課名	類神經網路	Course Name	Neural Networks and Its Applications
開課單位	資訊科技研究所博士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	The course objective is to let graduate students understand the concept of artificial neural network(ANN) and its models. Graduate tudents will learn how to construct and apply ANN to their interested research area. Paper study and project implementation of one or more neural network models are required to fulfill this class.	Objectives	The course objective is to let graduate students understand the concept of artificial neural network(ANN) and its models. Graduate tudents will learn how to construct and apply ANN to their interested research area. Paper study and project implementation of one or more neural network models are required to fulfill this class.
教材	1. Neural Network Design, Hagan, Demuth, Beale著. 東華書局代理。 2. 類神經網路設計，Hagan等原著，汪惠健審挍，高立圖書代理。(參考1的翻譯本) 3. 類神經網路， 張斐章及張麗秋，東華圖書。	Teaching Materials	1. Neural Network Design, Hagan, Demuth, Beale著. 東華書局代理。 2. 類神經網路設計，Hagan等原著，汪惠健審挍，高立圖書代理。(參考1的翻譯本) 3. 類神經網路， 張斐章及張麗秋，東華圖書。
成績評量方式	Homework/Report 30% Midterm 30% Term Paper&Final Project 40%	Grading	Homework/Report 30% Midterm 30% Term Paper&Final Project 40%
教師網頁	www.cyut.edu.tw/~rcchen		
教學內容	The course objective is to let students understand the concept of artificial neural network(ANN) and its models. Students will learn how to construct and apply ANN to their interested research area. Paper study and project implementation of one or more neural network models are required to fulfill this class.	Syllabus	The course objective is to let students understand the concept of artificial neural network(ANN) and its models. Students will learn how to construct and apply ANN to their interested research area. Paper study and project implementation of one or more neural network models are required to fulfill this class.

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