朝陽科技大學 091學年度第1學期教學大綱
Neural Networks and Its Applications 類神經網路

當期課號	7854	Course Number	7854
授課教師	王德譽	Instructor	WANG,DE YU
中文課名	類神經網路	Course Name	Neural Networks and Its Applications
開課單位	資訊工程系碩士在職專班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	Fundamental concepts and models of artificial neural systems Single-layer perception classifiers Multilayer feedforward networks Associative memories Matching and self-organizing networks Applications of neural algorithms and systems Neural networks implementation	Objectives	Fundamental concepts and models of artificial neural systems Single-layer perception classifiers Multilayer feedforward networks Associative memories Matching and self-organizing networks Applications of neural algorithms and systems Neural networks implementation
教材	課堂講授	Teaching Materials	
成績評量方式	平時成績:40% 期中考 :30% 期末考:30%	Grading	
教師網頁			
教學內容	This course gives an introduction to basis neural network architectures and learning. Emphasis is placed on the mathematical analysis of these networks, on methods of training them on their application to practical engineering problems.	Syllabus	

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