[返回主畫面]

我的課程大綱編輯作業	
學年學期:	0972
當學期課程流水號:	21043
課號:	MA6007
班次:	*
科目名稱(中):	非線性分析 I
科目名稱(英):	Nonlinear Analysis I
授課老師:	陳建隆
OFFICE HOUR:	Monday 2:00-4:00 PM; Tuesday 10:00-12:00 AM
授課內容:	In this course we will study the elementary theorems of partial differential equations. (1) Examples of Partial Differential Equations (2) Four Important Linear PDE (a) Transport Equation: Initial Value Problems; Non-homogeneous Problems (b) Laplace Equations: (i) Fundamental Solutions (ii) Mean-Value formula (iii) Properties of Harmonic Functions; (iv) Green‘s Function; (v) Energy Methods (c) Heat Equations: (i) Fundamental Solutions (ii) Mean-Value Formula; (iii) Properties of Solutions; (iv) Energy Methods (d) Wave Eauationsr (3) Second Order Elliptic Equations (a) Holder Estimates (b) Schauder Estimates (c) Regularity (4) Variational Methods; Degree Theorems
教科書/參考書:	(1) L. C. Evans, Partial Differential Equations (2) F. John, Partial Differential Equations (3) Antonio Ambrosetti‘s Book
授課方	☑講授 ☑研討 ☑實習/實驗 ☑個別指導 ☑其他

式:	
評量方式:	(1) Home Works and Exercises (2) Present related topics
確定修改 重新設定 [返回主畫面]	

國立中央大學電算中心 版權所有 c 2006 National Central University Computer Center. All Rights Reserved