

國立高雄大學應用數學系研究生基礎課程檢定考試各科之參考書目、考試範圍等資料

考試科目	參考書目	考試範圍	考試時數
實變函數論	1. R.L.Wheeden and A. Zygmund: Measure and Integral: An introduction to Real Analysis.	Chapter 1 ~ 11	
	2. W. Rudin: Real and Complex Analysis, 3rd ed..	Chapter 1 ~9	
組合數學	1. P. Cameron, Combinatorics.	全部	
	2. M. Aigner, A course in Enumeration.	全部	
數值分析	1. R. J. LeVeque, Finite Difference Methods for Differential Equations, 2005. LeVeque-FDM-2005.pdf	Chapter 1 ~5	
	2. E. Suli, Finite Element Methods for Partial Differential Equations, 2007. Suli-FEM-2007.pdf	Chapter 1 ~3	
	3. Jinn-Liang Liu, Lecture Notes on Numerical Methods for Partial Differential Equations, 2008. <u>2008F 數值微分方程</u>	Chapter 1 ~10	