

課程資訊					
科號 Course Number	10120PHYS597002	學分 Credit	3	人數限制 Size of Limit	
中文名稱 Course Title	物理專題--QCD 的要旨及大統一場論				
英文名稱 Course English Title	Special Topics--Essential of QCD & Unified Theory				
任課教師 Instructor	李靈峰				
上課時間 Time	M7M8F5	上課教室 Room	物 504		
課程大綱					
Electronic Transport in Nanostructures 一、課程說明(Course Description) 1. Deep elastic scattering 2. Operator Product Expansion 3. Asymptotic freedom and QCD 4. Grand Unification Theory 5. Instantons 6. Monopoles 二、指定用書(Text Books) Ta-Pei. Cheng and Ling-Fong Li " Gauge Theory of Elementary Particle Physics" 三、參考書籍(References) 四、教學方式(Teaching Method) Class lectures and discussion. 五、成績考核(Evaluation) Discussion and Homework 70%; course project (and perhaps an oral presentation) 30%;					