

Colloquium



107學年度第一學期研究生書報討論

108年01月02日(三) 14:10

應用數學系多媒體教室 (理408室)

14:10-14:35 杜長恩

Solutions of Schrödinger equations with particle in one to three dimensional box

Abstract: Schrödinger equation plays an important role in physics and chemistry. It explains some quantum phenomenon. Here, we show the solution of Schrödinger equation with some simple models, particle in one to three dimensional box. Then, we discuss the relation between electronic orbital, discrete energy level and degeneracy of orbitals.

14:40-15:05 黃昱文

固態硬碟對於本系B101電腦教室使用體驗之預期影響

Abstract: 本研究以量化及些許質化分析方式，探討固態硬碟對於本系B101電腦教室使用體驗之預期影響。主要使用AS SSD Benchmark、CrystalDiskMark、CrystalDiskInfo等三款免費檢測軟體對電腦進行數據採集；從待報廢電腦中隨機取一台作為本研究之實驗組，隨機抽樣數位使用者作問卷分析。針對B101之各電腦數據主要探討方向為：(一)作業系統對於硬碟速度之影響；(二)購買年份對於硬碟速度之影響；(三)電腦總使用時間對硬碟速度之影響；(四)還原系統對於硬碟速度之影響；(五)改固態硬碟對於電腦使用體驗之影響。並於結論中闡述分析結果及建議。

15:10-15:35 黃冠穎

Game theory of business competition

Abstract: What is the game theory? The game theory is a strategic thinking, trying to find out the best behavior in the environment of mutual influence. The game theory focuses on the analysis of "interactive" vendor behavior in the oligopolistic market. What happens to the opponent's decision-making? So what may be the impact of the opponent's decision? The ever-changing competition is ever-changing between people. Management of the game is like a lot of learning. There is not be confined to one corner in the development.