

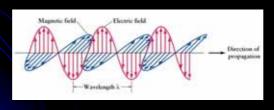
## What Do You Think? 你覺得呢?

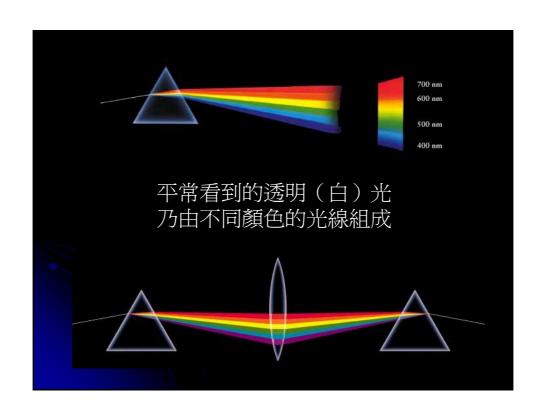
- 光是什麼東西?

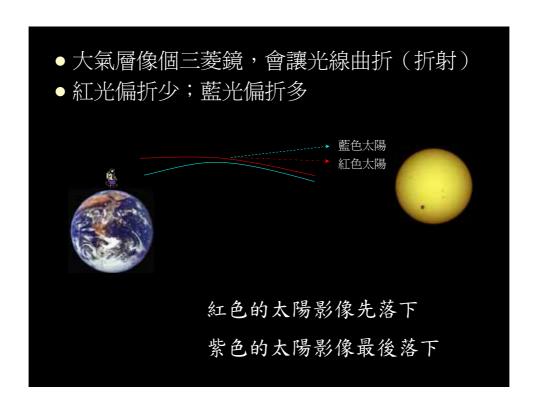
  - 光是一種電磁波... 那,電磁波是什麼?波是什麼?
- 天文望遠鏡主要的功能爲何?
- 星星爲何「一閃一閃亮晶晶」?
- 星星有多熱?怎麼知道的呢?
- •太陽是什麼顏色?

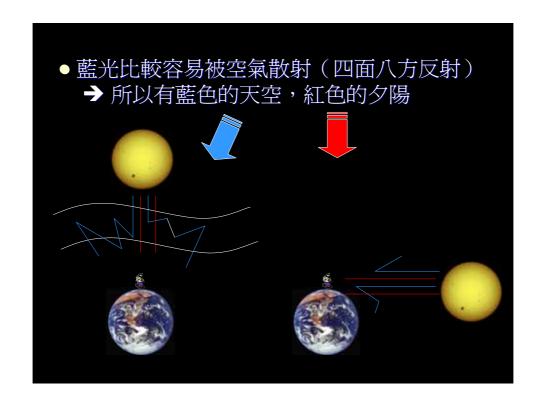
## 光是什麼東西?

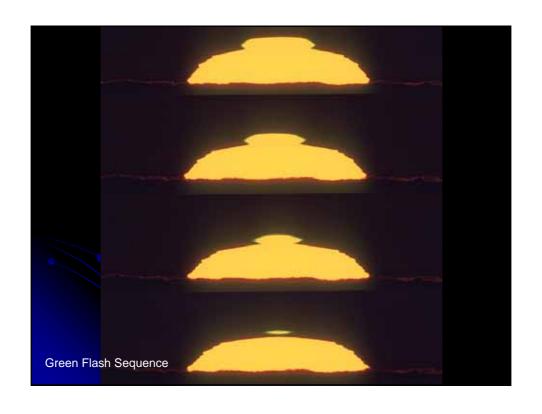
- 波動 → 傳遞能量 e.g., 水波、聲波、電磁波
- ●電與磁電場改變→磁場磁場改變→電場電磁互變→電磁波前進
- 光有波動性質,也有粒子性質
- 真空中光速固定 c=3 x 105 km/s

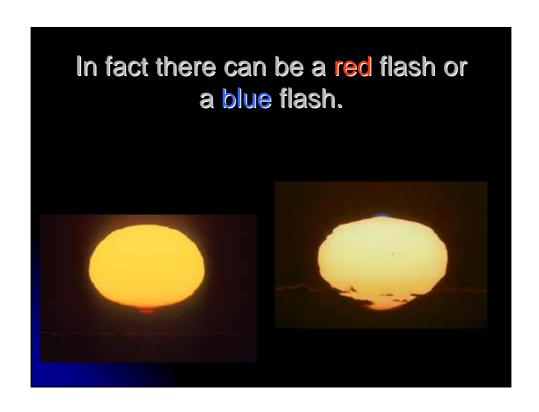


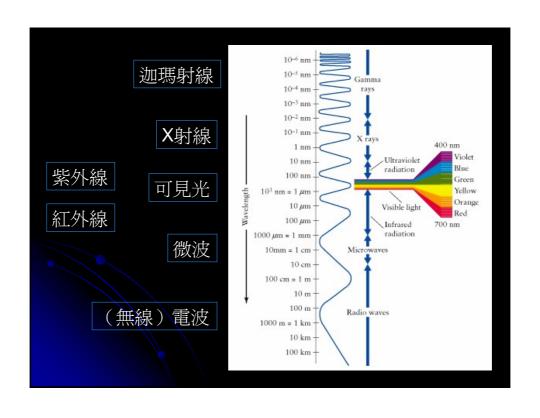


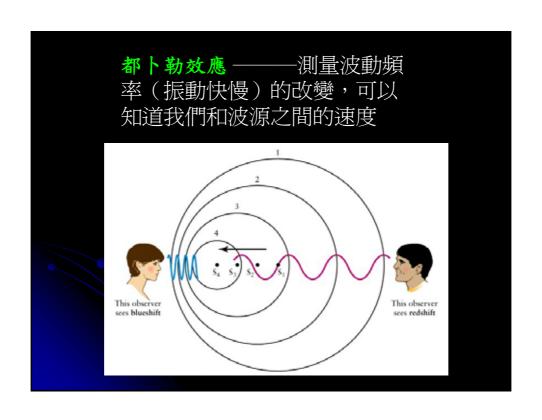


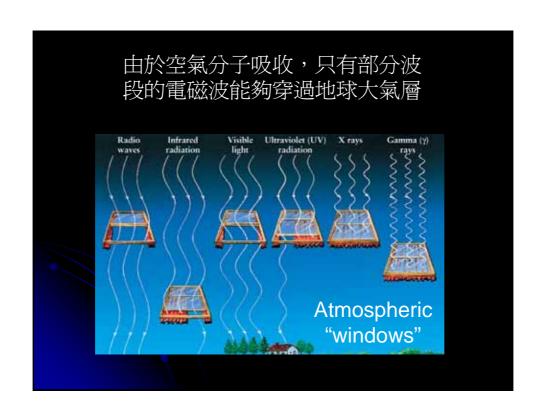


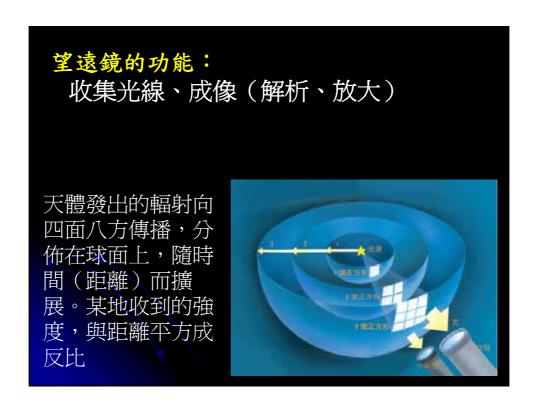


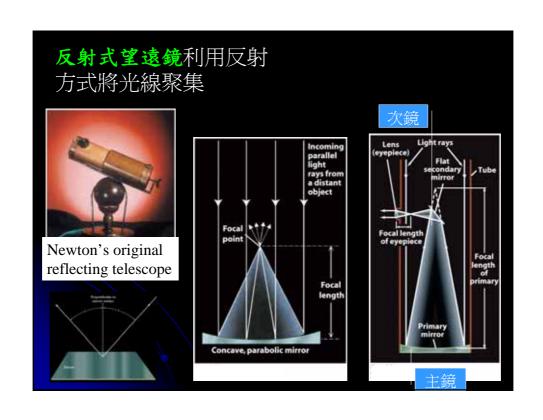


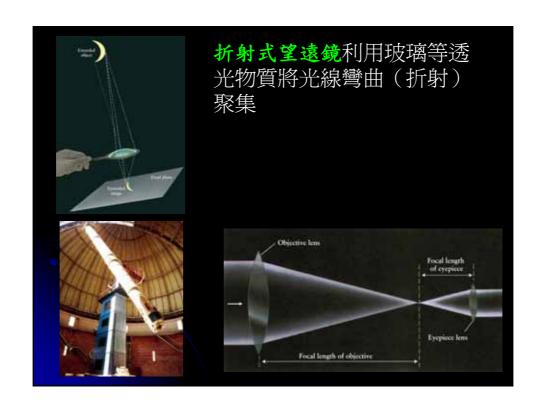


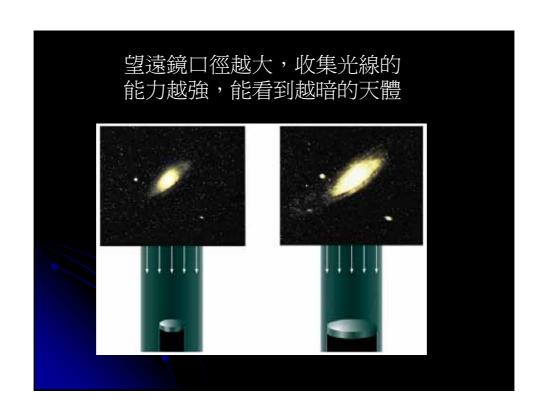


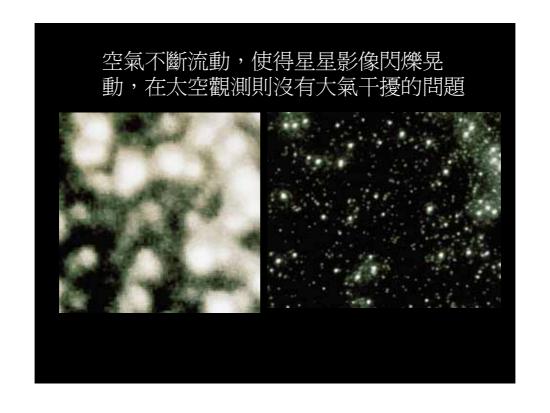


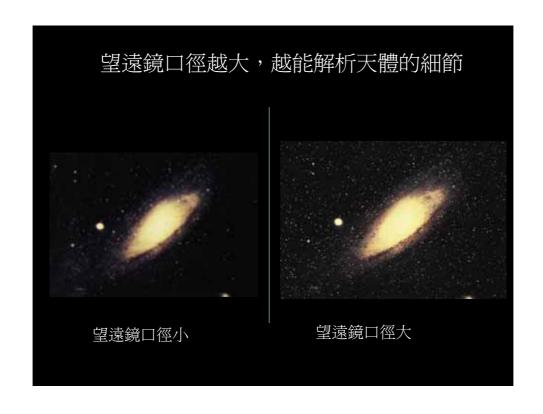




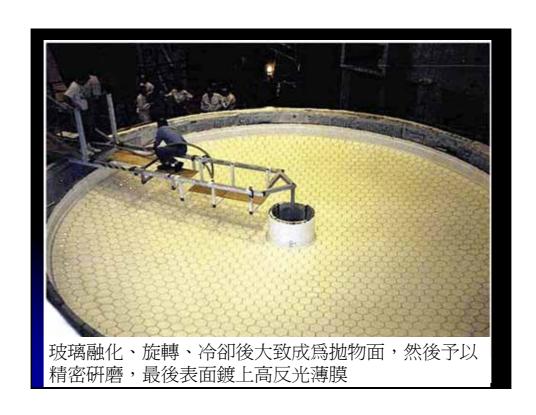








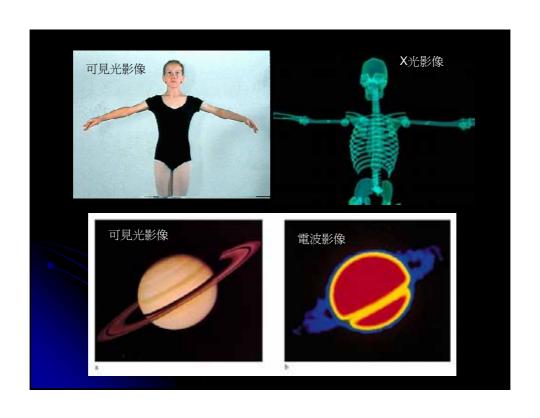




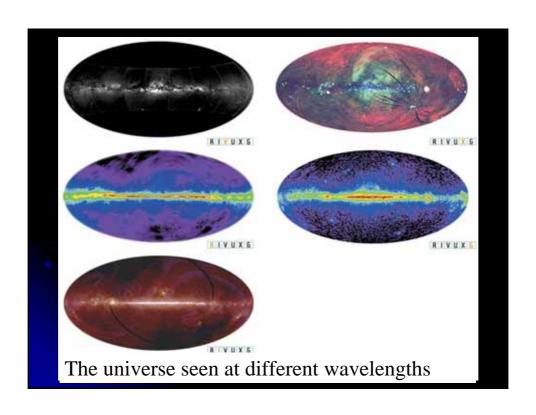






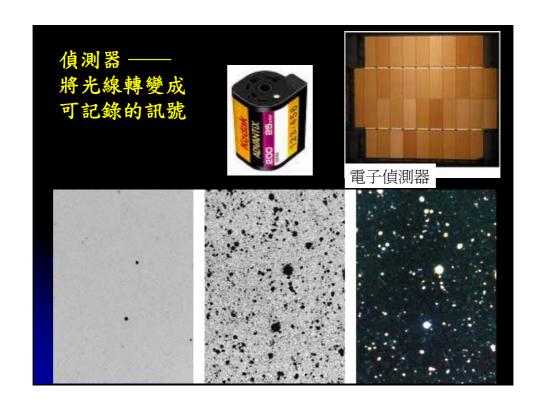












## HW 071023

- 試述四種已知的方法,用來發現環繞在太 陽以外恆星周圍的行星(亦即系外行星 exoplanets)
- 01~2 頁報告
- 打字; A4單行間距12號字
- 一週後上課繳交,不接受遲交
- 清楚註明資料出處,思想來龍去脈

