



## CHAPTER 1: INTRODUCTION TO PHYSICS



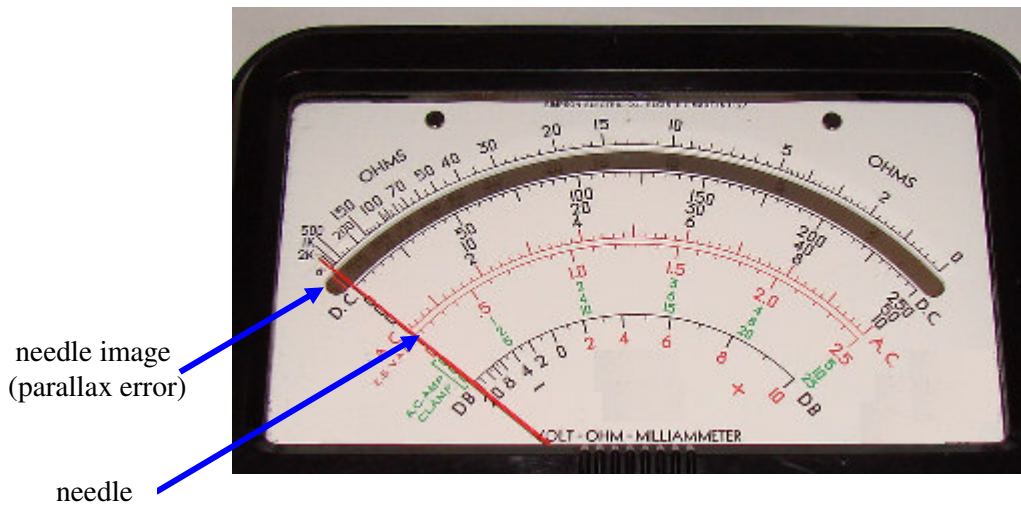
### Graphic

#### Parallax Error

The diagrams below show readings of a milliammeter being taken at different eye positions.

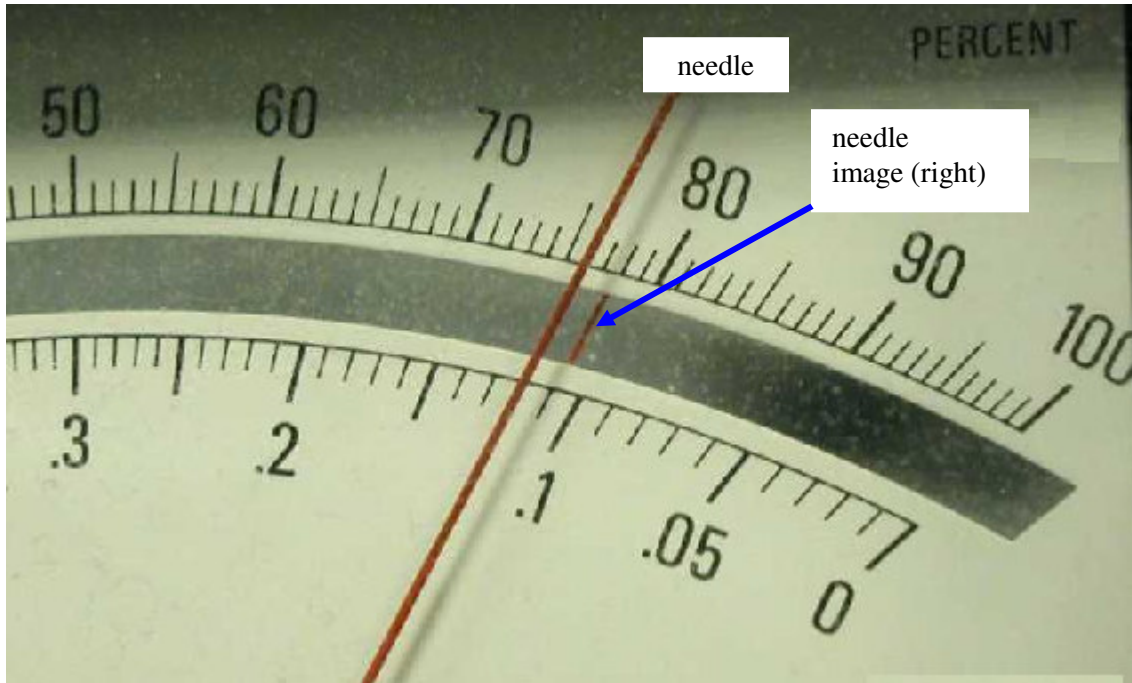


*Reading is taken when the eye position is correct, no parallax error*

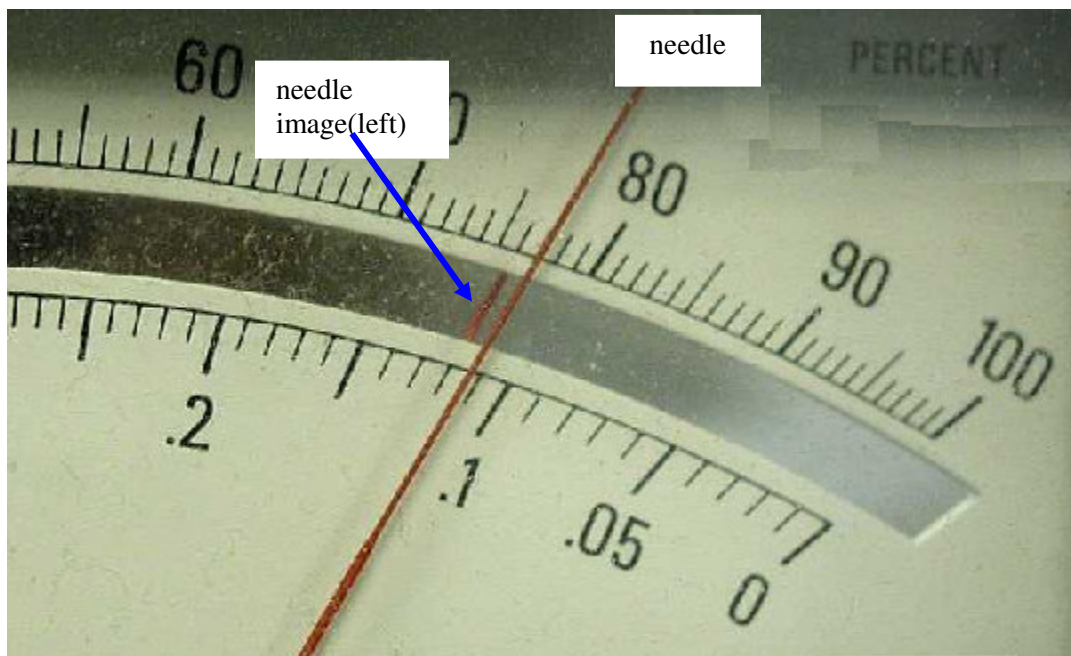


*Reading is taken when the eye position is wrong; parallax error occurs, giving an erroneous reading*

The following diagrams show the **parallax errors** which occur in a **spectrophotometer**.



*The point of view is **too far to the right**, the needle reflection is to the right of the needle. The apparent reading is 0.120.*



*The point of view is **too far to the left**, the needle reflection is to the left of the needle. The apparent reading is 0.113.*