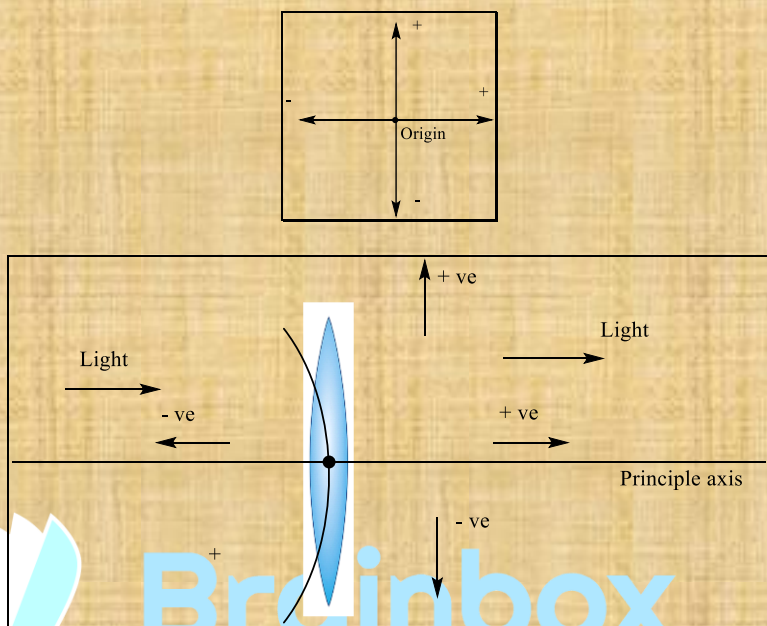


Chapter 10

REFLECTION AND REFRACTION

Sign Convention:



All optical measurements should be measured either from pole of the mirror or optical

centre of the lens (Like from origin)

→ The measurements:

- * Along the direction of light arc +ve (along +ve x-axis)
- * Opposite to the direction of light arc -ve (along -ve x-axis)
- * Vertically upwards and $\perp$ r to principle axis arc +ve.
- * Vertically downwards and $\perp$ r to principle axis arc -ve (along -ve y-axis)