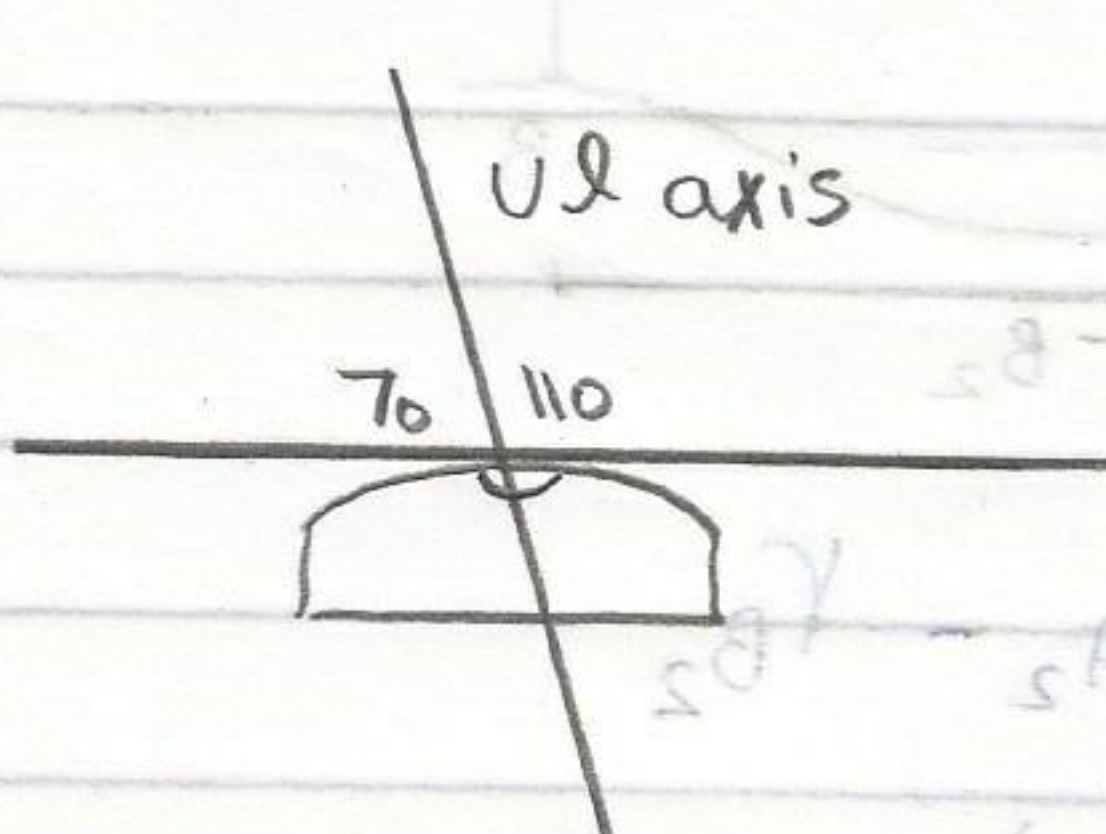
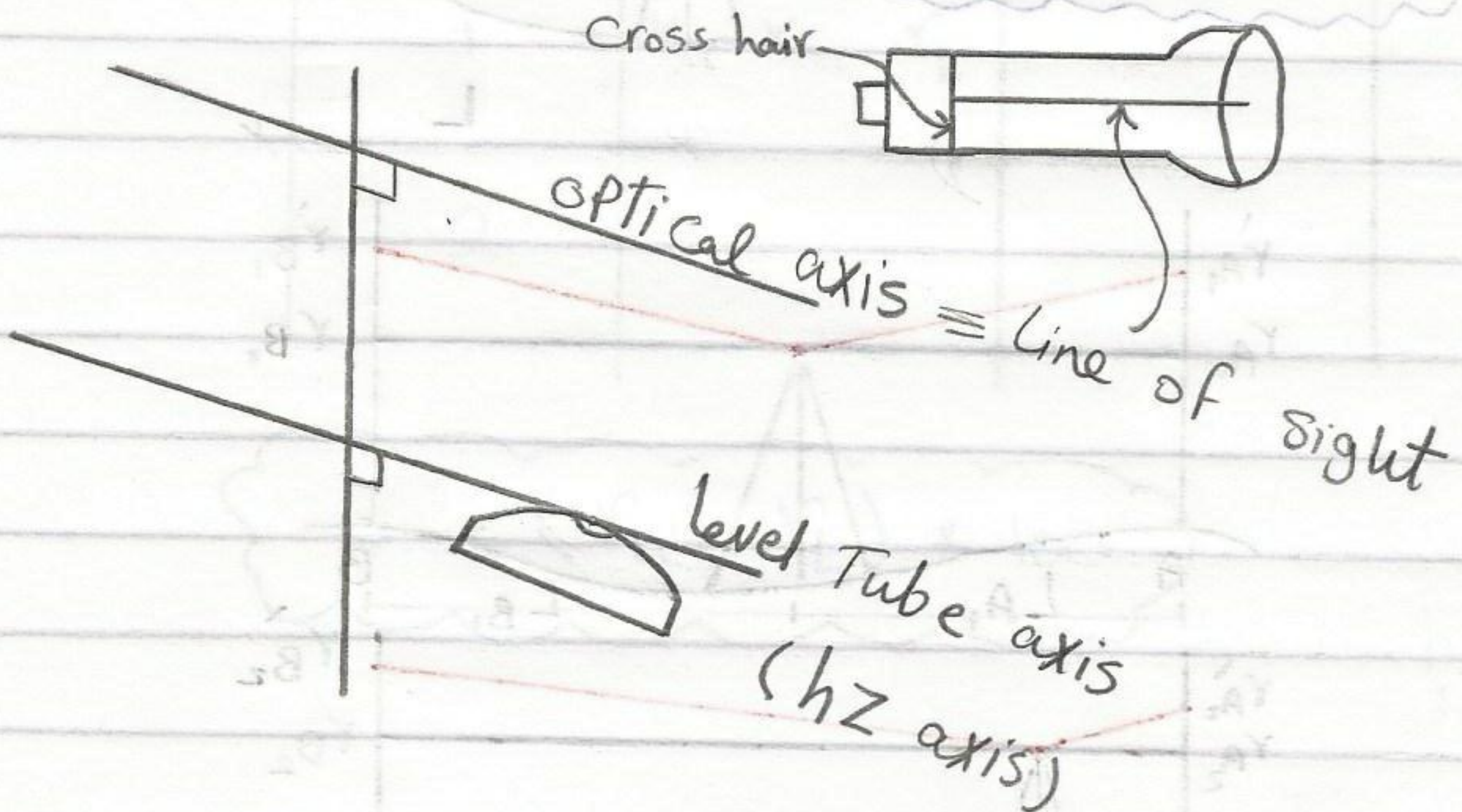


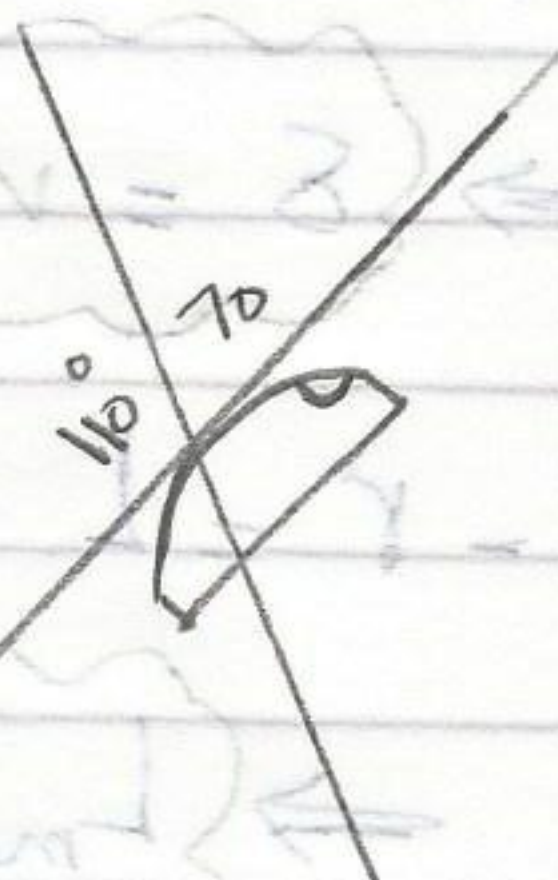
sec: ④

Permanent adjustment

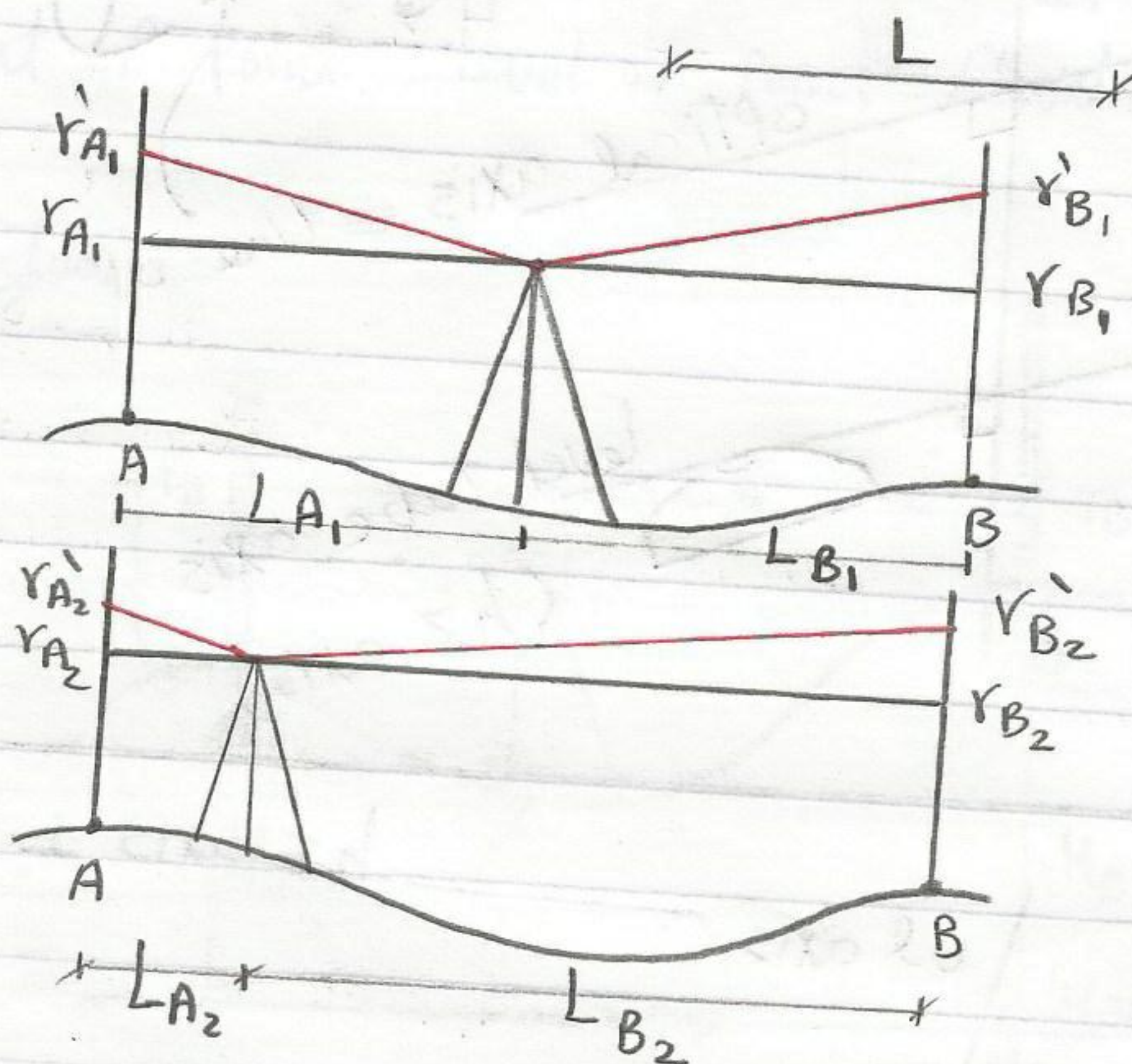
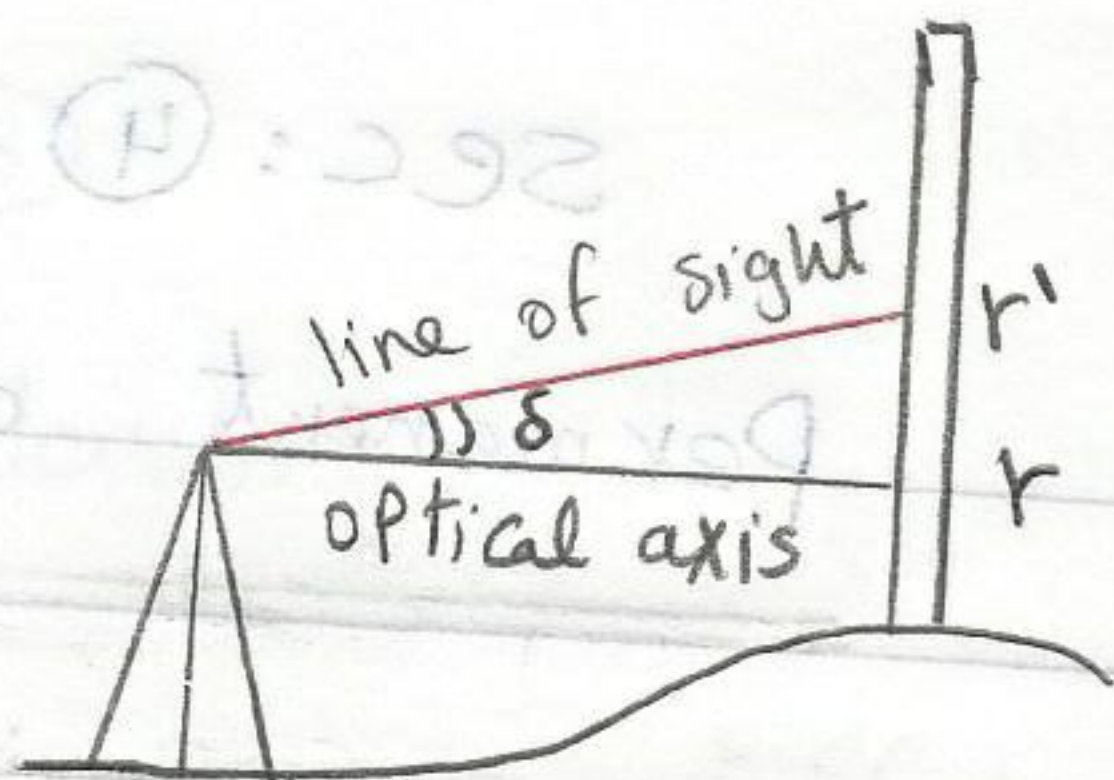


hz axis \perp Vl axis

rotate the level 180°



$$r = r' - L \tan \delta$$



$$\Delta h = r'_{A1} - r'_{B1} = r'_{A2} - r'_{B2}$$

$$(r'_{A1} - L_{A1} \tan \delta) - (r'_{B1} - L_{B1} \tan \delta) = (r'_{A2} - L_{A2} \tan \delta) - (r'_{B2} - L_{B2} \tan \delta)$$

$$\Rightarrow \tan \delta = \checkmark \checkmark \Rightarrow \delta = \checkmark \checkmark$$

$$r' - r \leq 1 \text{ cm} \quad \& \quad r' - r = L \tan \delta$$

$$\Rightarrow 1 \text{ cm} = L_{\max} \tan \delta \Rightarrow L_{\max} = \checkmark \checkmark$$

Setup	Pt(A)	(B)
1	r_u r_m r_L	
2		

$$L = (r_u - r_L) * 100$$