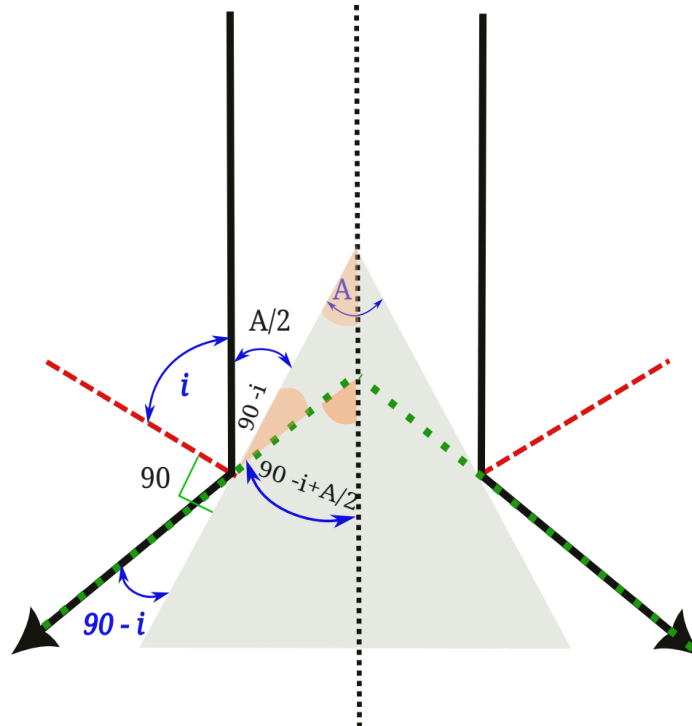


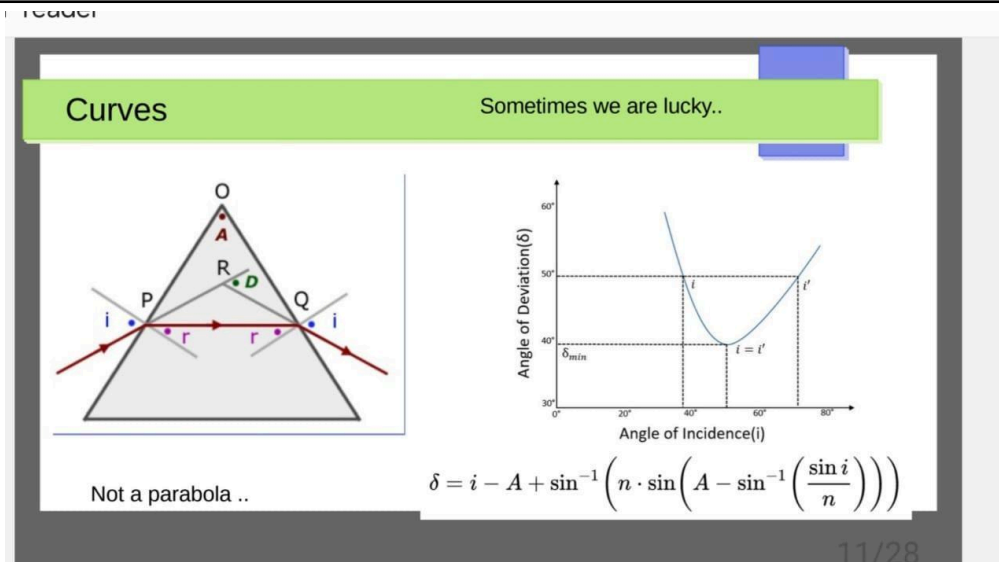
Sem-3: Practicals with Spectrometer

Home Works: (06/11/2025)

1. Find the angle of prism from the following set up.



2. Find the relation between δ (angle of deviation) and i (angle of incidence) for a prism (angle of the prism is A)



3. Why the Na source becomes pinkish red when we switch on the lamp?

4. How monochromatic light is generated (in atomic level)? Why Na is not mono-chromatic source of light?

5. What are Sodium D-lines? Tell what happens at atomic transition level.

