

Experiment - 5 Section B

Aim: To determine the angles of minimum deviation for a given glass prism by plotting a graph between the angles of incidence & angle of deviation.

Apparatus: Glass prism, drawing board, pins, drawing pins, white paper sheet, meter scale & protector.

Theory and Formula Used:

The refractive index of the material of the prism is given by

$$\mu = \frac{\sin \left(\frac{A + \delta_{\min}}{2} \right)}{\sin A/2}$$

Procedure: As performed in physics lab.

Calculations:
$$\mu = \frac{\sin \left(\frac{A + \delta_{\min}}{2} \right)}{\sin A/2}$$

Practical Physics

William Watson



Practical Physics:

Practical Physics Robert Andrews Millikan, Henry Gordon Gale, 1922 **Laboratory Experiments in Practical Physics, to Accompany the Revised Edition of Black and Davis' "Practical Physics"** Newton Henry Black, 1923 **A Text-book of Practical Physics** William Watson, 1908 *A Text-Book of Practical Physics (Classic Reprint)* William Watson, 2017-12-14

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