

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 Suddards Franklin, Chauncey
M. Crawford, Barry MacNutt**

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 (Classic Reprint) William Watson, 2017-12-14 Excerpt from A Text Book of Practical Physics The following pages are intended to serve as a book of reference to the student working in a physical laboratory The experiments described are not intended for a beginner but are suited for a student who has already spent a little time in the laboratory and worked through a more elementary course of experiments such as those described in the author's Elementary Practical Physics It is not intended or expected that any one class will work through all the experiments described in this book but that the teacher will select those which he considers most suitable being guided by the requirements of his pupils and the resources of his laboratory It is however hoped that teachers and students will find that all the experiments which can be performed with advantage in a laboratory having the ordinary equipment are described About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books Find more at www.forgottenbooks.com This book is a reproduction of an important historical work Forgotten Books uses state of the art technology to digitally reconstruct the work preserving the original format whilst repairing imperfections present in the aged copy In rare cases an imperfection in the original such as a blemish or missing page may be replicated in our edition We do however repair the vast majority of imperfections successfully any imperfections that remain are intentionally left to preserve the state of such historical works **Practical Physics** William Suddards Franklin, Chauncey M. Crawford, Barry MacNutt, 1919 **A Manual of Practical Physics** Ervin Sidney Ferry, Arthur Taber Jones, 1908 **A Text-book of Practical Physics** William Watson, 1908 Practical Physics Richard Glazebrook, Napier Shaw, 2023-07-18 An essential guide for anyone interested in the practical application of physics This volume covers a wide range of topics from mechanics and thermodynamics to electricity and magnetism and is filled with practical examples and experiments to help readers learn and understand the concepts Whether you're a student a professional or just an interested amateur Practical Physics is a must have resource This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it This work is in the public domain in the United States of America and possibly other nations Within the United States you may freely copy and distribute this work as no entity individual or corporate has a copyright on the body of the work Scholars believe and we concur that this work is important enough to be preserved reproduced and made generally available to the public We appreciate your support of the preservation process and thank you for being an important part of keeping this knowledge alive and relevant

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