



Optics and Optical Instruments: An Introduction

By B. K. Johnson

Dover Publications. Paperback. Book Condition: New. Paperback. 256 pages. Dimensions: 7.8in. x 5.3in. x 0.6in. This book illustrates basic practical applications of optical principle. Working models of telescopes, microscopes, photographic lenses, and optical projection systems are diagrammed and explained in full, as are the basic experiments for determining accuracy, power, angular field of view, amount of aberration, and all other necessary facts about the instrument. Throughout the book, only elementary mathematics is used, for the benefit of the student and the beginner in the field of optics. The author, an assistant professor at the Imperial College of Science and Technology in London, shows how to set up working models of each of the four types of instruments named above, so that the reader can see for himself the effects of changing the focal length, using different types of lenses, rotating the lens, and other experiments. He also includes a number of experiments to illustrate theoretical principles such as the reflection and refraction of light and focal length measurements of concave and convex lenses. A chapter on the human eye follows, and the author explains how to set up a simple working model of the eye in order to illustrate myopia, astigmatism,...



READ ONLINE
[1.19 MB]

Reviews

The best ebook i possibly read. I have go through and i also am sure that i am going to planning to read once again again later on. Its been printed in an extremely simple way which is simply after i finished reading through this ebook by which basically changed me, alter the way i really believe.

-- **Telly Hessel**

Very good e-book and valuable one. It can be writter in basic words and phrases and not confusing. You will not really feel monotony at whenever you want of your own time (that's what catalogues are for concerning should you check with me).

-- **Mr. Antwon Frami**

Other Kindle Books



The Birds Christmas Carol

Digireads.com. Paperback. Book Condition: New. Paperback. 34 pages. Dimensions: 7.8in. x 4.8in. x 0.3in. Kate Douglas Wiggin (1856-1923) was an important reformer of childrens education at the turn of the century. During a period when childrens place in society was little other than...



Kindergarten Reading Stick Kids Workbook Stick Kids Workbooks

Creative Teaching Press. Paperback. Book Condition: New. Paperback. 56 pages. Dimensions: 8.8in. x 6.4in. x 0.3in. Every day your child is acquiring skills needed for entry into the world beyond family and home. Arrival at school brings many new experiences, perhaps most importantly,...



Patterns and Sequence Stick Kids Workbook, Grade K Stick Kids Workbooks

Creative Teaching Press. Paperback. Book Condition: New. Paperback. 56 pages. Dimensions: 8.8in. x 6.4in. x 0.2in. Knowledge of patterns enables us to make predictions and solve problems. Noticing patterns in nature and in home routines and observing the sequence of daily events strengthens...



Magnificat in D Major, Bwv 243 Study Score Latin Edition

Petrucchi Library Press. Paperback. Book Condition: New. Paperback. 70 pages. Dimensions: 9.8in. x 7.2in. x 0.3in. Bach composed the first version of this piece in 1723 using the key of E-flat major for the Christmas Vespers in Leipzig which contained several Christmas texts....



The Case of the Hunchback Hairdresser Criss Cross Applesauce

Galloped International. Paperback. Book Condition: New. Paperback. 54 pages. Dimensions: 7.5in. x 5.0in. x 0.2in. When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an easy, effective, and immediate way to read...



The Mystery in Chocolate Town: Hershey, Pennsylvania

Galloped International. Paperback. Book Condition: New. Paperback. 145 pages. Dimensions: 7.4in. x 5.2in. x 0.4in. When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an easy, effective, and immediate way to read...