



## Physical Optics (Classic Reprint) (Paperback)

By Richard T Glazebrook

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from Physical Optics The Science of Optics is generally divided into two parts, Geometrical and Physical The former treats of the propagation, reflexion, and refraction of rays of light according to certain definite laws; the latter deduces those laws as consequences of a certain hypothesis as to the nature of light, and in addition explains numerous phenomena which geometrical optics leaves unaccounted for. The main subject of this Text-Book is Physical Optics, but throughout I have purposely avoided drawing a very decided line between the physical and geometrical portions. For this course there have been several reasons. The whole science of geometrical optics rests on the rectilinearity of rays of light To explain the existence of these on the principles of the undulatory theory is one great difficulty of physical optics, and meets us at the very outset of the subject. Many propositions deduced in books on geometrical optics from the laws of the reflexion and refraction of rays can equally well be established as direct consequences of the undulatory theory, and these have been treated...



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