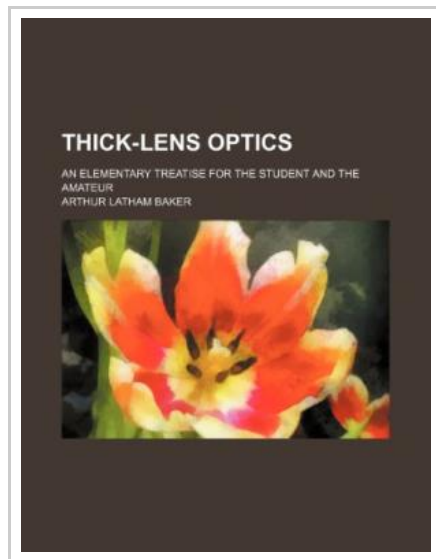




Thick-Lens Optics; An Elementary Treatise for the Student and the Amateur (Paperback)

By Arthur Latham Baker

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1912 Excerpt: . distance between image and object, a = distance between the two positions of the lens when giving a distinct image, the object and screen remaining fixed. Proof.--The distances of object and image from the lens are $5(i + a)$ and $(l - a)$, whence (17), $1 \ 2 \ 2 \ 41$ / $1 - a \ 1 + a \ l^2 - a^2$ 132. From Equality of Object and Image.-- Distance between object and image = $4/$. (See 37, Ex. 2.) 133. Comparison of Images.--A candle (or illuminated aperture) is placed a distance a from a screen and the image focussed on the screen. On moving the lens towards the candle another image is formed which is m times as large as the former. $a \ Vm$ The focal length = FOCAL LENGTH OF THICK POSITIVE LENS 134. From Highly Magnified Image. $l \ f = vL + l \ l$ = length of a division of...



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