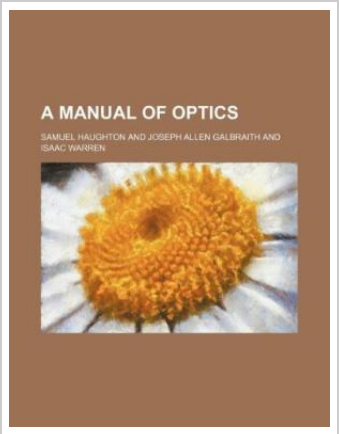

A Manual of Optics

By Samuel Haughton

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. 1899 Excerpt: .produced by a lens of fluor spar of 1J in. aperture and 10 in. focus. Ans. 0-0033 or 11 20. 6. Find the dispersion produced by a lens of rock-salt of 1J in. aperture and 10 in. focus. Ans. 0-00795 or 27 20. 7. Find the focal length of a water lens which will achromatise the lens described in (5). Ans. 15-91 in. 8. Find the dispersion caused by a diamond lens whose focal length is-th of an inch, and aperture-jth of an inch. Ans. 0-144 or 6 31 54. 9. If the lens in Example (8) be plano-convex, find its curvature, refractive index being 2-755. Ans. = 0-058 in. Sir Isaac Newton observed that a combination, consisting of a glass prism enclosed in a prism of water of variable angle, their refracting angles being turned in opposite directions, always coloured the light transmitted when the...

Reviews

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