



The Production of Elliptic Interferences in Relation to Interferometry Volume 2

By Carl Barus

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: . angle of refraction for light incidence at an angle I , or $\sin I = \mu \sin R$. In the former experiment $\mu = 45$. In view of the oblique position of the grating, however, the micrometer motion N of the opaque mirror introduces an additional displacement. Let N be the coordinate for this mirror. Then $N = e - n \sin R \tan R$. (2) Hence the readings of the micrometer are determined by (subscripts c referring to centers of ellipses) $e f, -dn$ (3) The symbol n for index of refraction is resumed throughout the following paragraphs. t Publication No. 149, Carnegie Institution of Washington, 1911, p. 69. t Publication No. 149, Carnegie Institution of Washington, 44, p. 66 et seq., 1911. For the present purpose it is sufficient to assume and to take the E line as a standard of reference, whence Table 31, then,...



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