



The Production of Elliptic Interferences in Relation to Interferometry Volume 1 (Paperback)

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. 1911 Excerpt: .and 14, B and C). (4) If the field is reversed the elongation is similar, but symmetrical with respect to a small positive field if the immediately preceding magnetization was positive, and symmetrical with respect to a small negative if the preceding magnetization was negative. See figs. 12, A, B, 13 (hysteresis). Thus in fig. 12, A and B, where a field of 13 gauss at b after a positive magnetization produces no elongation whatever, the reversal of the field to--13 gauss produces a very marked elongation of nearly 3×10^{-5} which Fig. 14.--Charts showing the elongation of soft iron in millionths for different fields, positive and negative, in gauss. Field applied and removed for each observation except in fig. D. may be repeated indefinitely. Hence there seems to be a definite magnetic elasticity with fields of less than 5 to 10 gauss. If this is exceeded...



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