



## Report of the Meeting of the British Association for the Advancement of Science Volume 4

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By British Association for Science

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. 1835 Excerpt: .of simple light, thence computed, agree in the most satisfactory manner with the values of the same quantities as deduced from the observation of Newton s rings. The central fringe is formed at those points in arriving at which the two pencils have traversed equal paths; and as its position is therefore independent of the length of a wave, the rays of all colours will be united there, and the fringe itself will be white, or colourless. Such is the fact, as described by Fresnel himself, and by most observers who have repeated the experiment. Mr. Potter states, however, as the result of his observations, that the central fringe may be seen both black and white, although more frequently the former; and he urges the fact in opposition to the wave-theory. But it seems premature to draw any inference from such experiments, until the circumstances which...



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