

The first part of the paper deals with the history of the subject, and the second part with the present position. The author discusses the various theories which have been advanced to explain the phenomenon, and compares them with the results of his own experiments. He concludes that the most probable explanation is that the phenomenon is due to a change in the refractive index of the medium through which the light is passing.

The author then discusses the various methods which have been used to measure the refractive index of a medium, and compares the results of his own measurements with those of other workers. He concludes that the most accurate method is that of using a Michelson interferometer, and that the refractive index of a medium can be measured to a high degree of accuracy.

The author then discusses the various applications of the phenomenon, and concludes that it has a number of important practical uses. He also discusses the various methods which have been used to measure the refractive index of a medium, and compares the results of his own measurements with those of other workers.

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