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An Apparatus for Measuring Tolerance to Light and Visual Efficiency Under Different Conditions of Illumination

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in one class in biology and the revised test. The results are offered only as preliminary to a more complete study being carried out.

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AN APPARATUS FOR MEASURING TOLERANCE TO LIGHT AND VISUAL EFFICIENCY UNDER DIFFERENT CONDITIONS OF ILLUMINATION

GLENN O. MARTINSON

Illumination in relation to automobile driving is considered one of the most important problems of highway safety. Because of contrast between source of light and background, lights which give sufficient illumination are considered blinding. An apparatus is described which makes possible the accurate measurement of tolerance to light under different atmospheric conditions.

Calibration of the light falling on the test object and the light impinging on the retina makes possible measurement of the optimal conditions of illumination under different degrees of darkness. The light measurements are made by electrometric methods.

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A STUDY OF COMPENSATION

MIRIAM G. ZUGMEIER AND A. R. LAUER

Although pages have been written in psychological text books on compensation, a survey of the literature shows an extremely meagre amount of experimental data. The present study is an attempt to formulate some of the problems of compensation into experimental form.

Forty subjects were given a series of laboratory tests in which accuracy and speed were compared under normal conditions and under conditions of distraction. Thirty-one of the same subjects were given a written test of the questionnaire type which was