

The cover page will include these items

Title → Measurement of the Speed of Light

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List → PH326 Group: R3

Experiment Date: Jan 26 2016

Report Due Date: Feb 2 2016

Group
Dates

The speed of light, c , is a fundamental constant. c was measured using a pulsed laser diode, reflecting mirror, photodiode detector. The time difference between the emitted light and detected light was recorded as a function of distance traveled using an oscilloscope. A measurement of $3.5 \times 10^8 \pm 0.4 \times 10^8$ m/s was obtained by fitting the slope of this data.

Abstract



Grading
Box for
Thursday
Groups

Grading Box	score
Abstract and Cover Page	
Figures and Plots	
Data and Error Analysis	
Writing	
Total Report Grade	